





Recombinant Human Crossover junction endonuclease EME1 (EME1)

| substrate preference for branched DNA structures with a 5'-enc nick. Typical substrates include 3'-flap structures, replication for Holliday junctions. May be required in mitosis for the processing collapsed replication forks. Storage The shelf life is related to many factors, storage state, buffer ing storage temperature and the stability of the protein itself. Genes of liquid form is 6 months at -20°C/-80°C. The shelf life of lyoph months a | | |
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| storage temperature and the stability of the protein itself. General of liquid form is 6 months at -20°C/-80°C. The shelf life of lyoph months at -20°C/-80°C. The she | Relevance | Interacts with MUS81 to form a DNA structure-specific endonuclease with substrate preference for branched DNA structures with a 5'-end at the branch nick. Typical substrates include 3'-flap structures, replication forks and nicked Holliday junctions. May be required in mitosis for the processing of stalled or collapsed replication forks. |
| Alias MMS4 homolog ;hMMS4 Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MALKKSSPSLDSGDSDSEELPTFAFLKKEPSSTKRRQPEREE SCPPAPELFSPPVPEIAETVTQTQPVRLLSSESEDEEEFIPLAGE LSPEDSSSPVKSVLDHQNNEGASCDWKKPFPKIPEVPLHDTF LDPCCQLPAYLSTCPGQSSSLAVTKTNSDILPPQKKTKPSQKQQRQARQKESTLRRQERKNAALVTRMKAQRPEECLKHIIVVLGQLLGALQTMECRCVIEAQAVPCSVTWRRRAGPSEDREDWEAFVSMIDNGKQGSLDSTMKGKETLQGFVTDITAKTAGKALSELLFFDFLPCTSAQNPPRRGKQGANKQTKKQQQRQPEASIGLVDLQHTEAQAQIVQSWKELADFTCAFTKAVAEAPFKKLRDWAGGVKVDLAGRGLALVWRRQIQQLNRVSLEMASAVVNAYIQCFSDKERQNLLADIQVRRGEGVTSTSRRIGPELSRRIYLQMDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD | Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Product Type Recombinant Protein | Uniprot No. | Q96AY2 |
| Immunogen Species | Alias | MMS4 homolog ;hMMS4 |
| Purity Greater than 90% as determined by SDS-PAGE. Sequence MALKKSSPSLDSGDSDSEELPTFAFLKKEPSSTKRRQPEREE SCPPAPELFSPPVPEIAETVTQTQPVRLLSSESEDEEEFIPLAGE LSPEDSSSPVKSVLDHQNNEGASCDWKKPFPKIPEVPLHDTF LDPCCQLPAYLSTCPGQSSSLAVTKTNSDILPPQKKTKPSQKQQRQARQKESTLRRQERKNAALVTRMKAQRPEECLKHIIVVLGQLLGALQTMECRCVIEAQAVPCSVTWRRAGPSEDREDWEAFVSMIDNGKQGSLDSTMKGKETLQGFVTDITAKTAGKALSELLFFDFLPCTSAQNPPRRGKQGANKQTKKQQQRQPEASIGLVDLQLHTEAQAQIVQSWKELADFTCAFTKAVAEAPFKKLRDWAGGVKVDLAGRGLALVWRRQIQQLNRVSLEMASAVVNAYIQCFSDKERQNLLADIQVRRGEGVTSTSRRIGPELSRRIYLQMDDDDDlivery time may differ from different purchasing way or location consult your local distributors for specific delivery time. Research Area Cell Biology Source E.coli Gene Names EME1 Expression Region 1-583aa Notes Repeated freezing and thawing is not recommended. Store work. | Product Type | Recombinant Protein |
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| Expression Region 1-583aa Notes Repeated freezing and thawing is not recommended. Store work | Source | E.coli |
| Notes Repeated freezing and thawing is not recommended. Store work | Gene Names | EME1 |
| 1 0 | Expression Region | 1-583aa |
| | Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info N-terminal 6xHis-SUMO-tagged | Tag Info | N-terminal 6xHis-SUMO-tagged |



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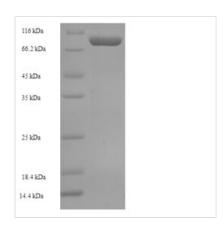
Mol. Weight

80.8kDa

Protein Description

Full Length of Isoform 2

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.