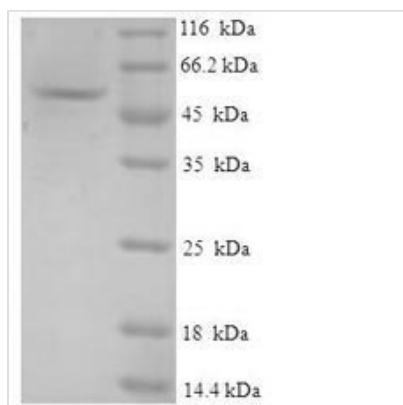




Recombinant Human GMP reductase 1(GMPR)

Product Code	CSB-EP339756HU
Relevance	Catalyzes the irreversible NADPH-dependent deamination of GMP to IMP. It functions in the conversion of nucleobase, nucleoside and nucleotide derivatives of G to A nucleotides, and in maintaining the intracellular balance of A and G nucleotides.
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.
Uniprot No.	P36959
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Guanosine 5'-monophosphate oxidoreductase 1 ;Guanosine monophosphate reductase 1
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MPRIDADLKLDKFDVLLRPKRSSLKSRAEVDLERTFTFRNSKQTYSGIPIIVANM DTVGTFEMAAMVMSQHSMTAIHKHYSLLDDWKLAFATNHPECLQNVAVSSGSGQ NDLEKMTSILEAVPQVKFICLDVANGYSEHFVEFVKLVRAKFPEHTIMAGNVVT GEMVEELILSGADIIVKVGVPKSVCTTRTKTGVPQLSAVIECADSAHGLKKGH IISDGGCTCPGDVAKAFGAGADFVMLGGMFSGHTECAGEVFERNRKLKLFY GMSSDTAMNKHAGGVAEYRASEGKTVEVPYKGDVENTILDILGGLRSTCTYV GAAKLKELSRRATFIRVTQQHNTVFS
Research Area	Cell Biology
Source	E.coli
Gene Names	GMPR
Expression Region	1-345aa
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
Mol. Weight	53.4kDa
Protein Description	Full Length
Image	



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