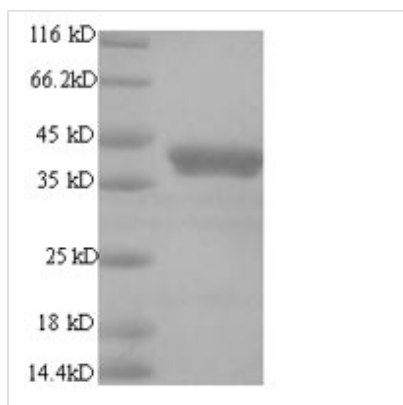




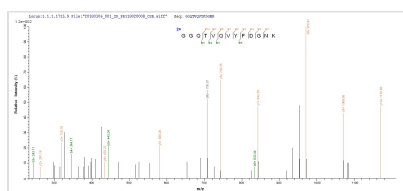
Recombinant Human papillomavirus type 18

Regulatory protein E2 (E2)

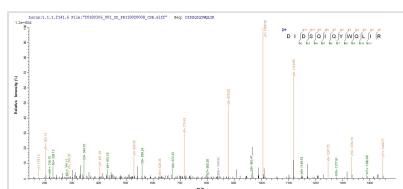
Product Code	CSB-YP361949HMN
Relevance	E2 regulates viral transcription and DNA replication. It binds to the E2RE response element (5'-ACCNNNNNNGGT-3') present in multiple copies in the regulatory region. It can either activate or repress transcription depending on E2RE's position with regards to proximal promoter elements. Repression occurs by sterically hindering the assembly of the transcription initiation complex. The E1-E2 complex binds to the origin of DNA replication.
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.	P06790
Product Type	Recombinant Protein
Immunogen Species	Human papillomavirus type 18
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MQTPKETLSERLSCVQDKIIDHYENDSKDIDSQIQYWQLIRWENAIFFAAREHGI QTLNHQVVPAYNISKSKAHKAIELQMALQGLAQSAKTEDWTLQDTCEELWNT EPTHCFKKGQTVQVYFDGNKDNCMYVAWDSVYYMTDAGTWDKTATCVS HRGLYYVKEGYNTFYIEFKSECEKYGNTGTWEVHFGNNVIDCNDSMCSTSD TVSATQLVKQLQHTPSPYSSTVSVGTAKTYGQTSAAATPGHCGLAEKQHCGP VNPLLGAATPTGNNKRRKLCSGNTTPIIHLKGDRNSLKCLRYRLRKHSDHYRDI SSTWHWTGAGNEKTGILTVTYHSETQRTKFLNTVAIPDSVQILVGYMTM
Lead Time	Delivery time may differ from different purchasing way or location, please kindly consult your local distributors for specific delivery time.
Research Area	Epigenetics and Nuclear Signaling
Source	Yeast
Gene Names	E2
Protein Names	Recommended name: Regulatory protein E2
Expression Region	1-365aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	43.3 kDa
Protein Description	Full Length
Image	



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



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP361949HMN could indicate that this peptide derived from Yeast-expressed Human papillomavirus type 18 E2.



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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.