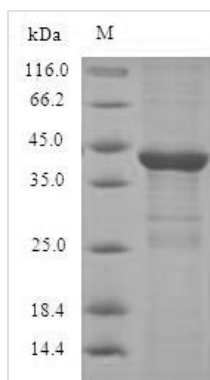




Recombinant Human Dual specificity protein phosphatase 14 (DUSP14)

Product Code	CSB-EP007243HU
Relevance	Involved in the inactivation of MAP kinases. Dephosphorylates ERK, JNK and p38 MAP-kinases.
Abbreviation	Recombinant Human DUSP14 protein
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.	O95147
Alias	MKP-1-like protein tyrosine phosphatase Short name: MKP-L Mitogen-activated protein kinase phosphatase 6 Short name: MAP kinase phosphatase 6 Short name: MKP-6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSSRGHSTLPRTLMAPRMISEGDIGGIAQITSSLFLGRGSVASNRHLLQARGIT CIVNATIEIPNFWPQFEYVKVPLADMPHAPIGLYFDTVADKIHVSVRKHGATLV HCAAGVSRSATLCIAYLMKFHNVCLLEAYNWWVKARRPVIRPNVGFWRQLIDYE RQLFGKSTVKMVQTPYGIVPDVYEKESRHLMPYWGI
Research Area	Signal Transduction
Source	E.coli
Target Names	DUSP14
Expression Region	1-198aa
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	38.3kDa
Protein Length	Full Length
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.

Shelf Life

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.