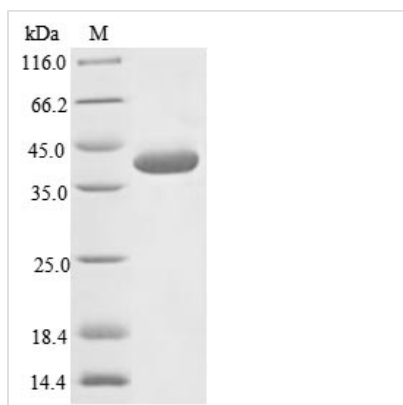




Recombinant Measles virus Hemagglutinin glycoprotein (H), partial

Product Code	CSB-EP357366MCQ1
Relevance	Attaches the virus to cell receptors and thereby initiating infection. Binding of H protein to the receptor induces a conformational change that allows the F protein to trigger virion/cell membranes fusion. May use human CD46 and/or SLAMF1 as receptors for viral entry into the cell. The high degree of interaction between H and MCP/CD46 results in down-regulation of the latter from the surface of infected cells, rendering them more sensitive to c3b-mediated complement lysis.
Abbreviation	Recombinant Measles virus Hemagglutinin glycoprotein, partial
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.	P08362
Product Type	Recombinant Protein
Immunogen Species	Measles virus (strain Edmonston) (MeV) (Subacute sclerose panencephalitis virus)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	EDSITIPYQGSGKGVSFQLVKLGVWKSPTDMQSWVPLSTDDPVIDRLYLSSHR GVIADNQAQWAVPTTRTDDKLRMETCFQQACKGKIQCENPEWAPLKDNRI PSYGVLSVDLSLTVELKIKIASGFGPLITHGSGMDLYKSNHNNVYWLTIIPPMKN LALGVINTLEWIPRFKVPYLFNVPKIEAGEDCHAPTYLPAEVDGDVKLSSNLVI LPGQDLQYVLATYDTSRVEHAVVYVYVSPSRFSYFYPFRLPIKGVPIELQVEC FTWDQKLWCRHFCVLADSESGGHITHSGMEGMGVSCTVTREDGTNRR
Research Area	Others
Source	E.coli
Target Names	H
Protein Names	Recommended name: Hemagglutinin glycoprotein
Expression Region	303-617aa
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	39.3 kDa
Protein Length	Partial
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

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