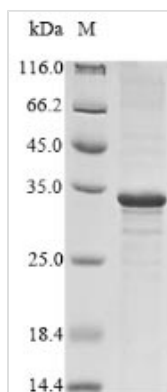




Recombinant Vesicular stomatitis Indiana virus Matrix protein (M)

Product Code	CSB-EP356390VBG
Relevance	Plays a major role in assembly and budding of virion. Condensates the ribonucleocapsid core during virus assembly. Shut off cellular transcription by inhibiting mRNA nuclear export through direct interaction with host RAE1-NUP98 complex. This shut off presumably inhibit interferon signaling and thus establishment of antiviral state in virus infected cells. Induces cell-rounding, cytoskeleton disorganization and apoptosis in infected cell?
Abbreviation	Recombinant Vesicular stomatitis Indiana virus Matrix 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.	P04876
Product Type	Recombinant Protein
Immunogen Species	Vesicular stomatitis Indiana virus (strain Glasgow) (VSIV)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MSSLKKILGLKGKGKSKKLGIAPPPYEEDTSMEYAPSAPIDKSYFGVDEMDTH DPNQLRYEKSFFTVKMTVRSNRPFRITYSDVAAAVSHWDHMYIGMAGKRPFYK ILAF LGSSNLKATPAVLADQGQPEYHAHCEGRAYLPHRMGKTPPMLNVPEHF RRPFNIGLYKGTIELTMTIYDDESLEAAPMIWDHFNSSKFSDFREKALMFGLIVE EEASGAWVLDSVRHSKWASLASSF
Research Area	others
Source	E.coli
Target Names	M
Protein Names	Recommended name: Matrix protein
Expression Region	1-237aa
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	30.8 kDa
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.

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