Recombinant EV71 HEVAgp1 Protein, His&GST-tagged

Cat. No. HEVAgp1-807V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant amino acids (Met 1-Gln 323) of human enterovirus 71 genome polyprotein (Q66478-1), corresponding to the protein VP0 precusor, a component of immature procapsids, was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	EV71
Source	Insect Cells
ProteinLength	1-323 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 2mM GSH, 0.5mM PMSF, pH 8.0, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human enterovirus 71 protein VP0/GST chimera consists of 560 amino acids and has a calculated molecular mass of 63 kDa. It migrates as an approximately 58 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>72 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.

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Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	HEVAgp1 genome polyprotein [Enterovirus A]
Official Symbol	HEVAgp1
Synonyms	genome polyprotein; VP4 (1A); VP2 (1B); VP3 (1C); VP1 (1D); protease 2A; protien 2B; protein 2C; protein 3A; 3B; protease 3C; 3D
Gene ID	1461111
mRNA Refseq	
Protein Refseq	NP_042242
MIM	
UniProt ID	Q65900

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