

## Recombinant EV71 HEVAgp1 Protein, His&GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant amino acids (Met 1-Gln 323) of human enterovirus 71 genome polyprotein (Q66478-1), corresponding to the protein VP0 precursor, a component of immature procapsids, was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	EV71
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-323 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile 50mM Tris, 100mM NaCl, 2mM GSH, 0.5mM PMSF, pH 8.0, 5% ~ 8% trehalose and mannitol.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>72 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.

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**Storage** Store it under sterile conditions at -20°C~-70°C. 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°C 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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