Recombinant EV71 G protein(Met1-Gln323), His&GST-tagged

Cat. No. G-2377E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human enterovirus 71 genome polyprotein (Q66478-1)(Met 1-Gln 323), corresponding to the protein VP0 precusor, a component of immature procapsids, was expressed in Insect Cells, fused with the N-terminal polyhistidine tag followed by a GST tag
Species	EV71
Source	Insect Cells
ProteinLength	Met1-Gln323
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 2mM GSH, 0.5mM PMSF, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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