

Recombinant Ebolavirus GP Protein, His-tagged

Cat. No. GP-757E Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Ebolavirus GP protein with His tag was expressed in HEK293.
Species	EBOV
Source	HEK293
ProteinLength	676
Description	Virion membrane; Peripheral membrane protein.
Form	Lyophilized
Molecular Mass	31.8 kDa
AA Sequence	<p>MVTSGILQLPRERFRKTSFFVWVILFHKVFPIPLGVVHNNTLQVSDIDKLVCRDKLSS TSQLKSVGLNLEGNVATDVPTATKRWGFVPPKVVNYEAGEWAENCYNLDIK KADGSECLPEAPEGVVGRGFPCRYVHKVSGTGPCPEGYAFHKEGAFFLYDRLASTIY RSTTFSEGVVAFLILPETKKDFFQSPPLHEPANMTTDPSSYYHTVTLNYVADNFGTN MTNFLFQVDHLTYVQLEPRFTPQFLVQLNETIYTNGRRSNTTGTLIWKVNPTVDTGV GEWAFWENKKNFTKLSSEELSVIFVPRAQDPGSNQKTKVTPTSFANNQTSKNHED LVPEDPASVVQVRDLQRENTVPTPPPDTVPTTLIPDTMEEQTTSHYEPPNISRNHQE RNNTAHPETLANNPPDNTTPSTPPQDGERTSSHTTSPRPVPTSTIHPTTREHIPTT MTTSHDSDSNRPNPIDISESTEPGPLTNTTRGAANLLTGSRRTRREITLRTQAKCNP NLHYWTTQDEGAAIGLAWIPYFGPAAEGIYTEGIMHNQNGLICGLRQLANETTQALQ LFLRATTELRTFSILNRKAIDFLLQRWGGTCHILGPDCCIEPHDWTKNITDKIDQIIHDFI</p>

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DKPLPDQTDNDNWWTGWRQWVPAGIGITGVIIAVIALLCICKFLL

Purity > 98%

Applications WB; ELISA; FACS; FC

Stability This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

Storage At -20 centigrade.

Concentration 1 mg/mL

Storage Buffer PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

Reconstitution Reconstitute in sterile distilled H₂O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Official Symbol GP

Synonyms GP; DF49_53413gpGP; DH33_45404gpGP; Glycoprotein

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