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	MVTSGILQLPRERFRKTSFFVWVIILFHKVFPIPLGVVHNNTLQVSDIDKLVCRDKLSS TSQLKSVGLNLEGNGVATDVPTATKRWGFRAGVPPKVVNYEAGEWAENCYNLDIK KADGSECLPEAPEGVRGFPRCRYVHKVSGTGPCPEGYAFHKEGAFFLYDRLASTIIY RSTTFSEGVVAFLILPETKKDFFQSPPLHEPANMTTDPSSYYHTVTLNYVADNFGTN MTNFLFQVDHLTYVQLEPRFTPQFLVQLNETIYTNGRRSNTTGTLIWKVNPTVDTGV GEWAFWENKKNFTKTLSSEELSVIFVPRAQDPGSNQKTKVTPTSFANNQTSKNHED LVPEDPASVVQVRDLQRENTVPTPPPDTVPTTLIPDTMEEQTTSHYEPPNISRNHQE RNNTAHPETLANNPPDNTTPSTPPQDGERTSSHTTPSPRPVPTSTIHPTTRETHIPTT MTTSHDTDSNRPNPIDISESTEPGPLTNTTRGAANLLTGSRRTRREITLRTQAKCNP NLHYWTTQDEGAAIGLAWIPYFGPAAEGIYTEGIMHNQNGLICGLRQLANETTQALQ LFLRATTELRTFSILNRKAIDFLLQRWGGTCHILGPDCCIEPHDWTKNITDKIDQIIHDFI

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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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