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## Product Datasheet

**Human immunodeficiency virus 1 gp140 Protein,  
His Tag (MALS verified) (orb1743004)**

**Description**

Human immunodeficiency virus 1

expressed from human 293 cells (HEK293).

**Reactivity** Virus

**Endotoxins** 1.0 EU per µg

**Conjugation** Unconjugated

**Target** gp140

**Preservatives** Powder

**Form/Appearance** Powder

**Storage** -20°C to -70°C for 12 months in lyophilized state;. -70°C for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20°C or lower

**Tag** C-10×His

**Note** For research use only

**Application notes** This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 53.7 kDa & 19.3 kDa. The protein migrates as 110-120 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.

**Purity** 90%

**Source** Human immunodeficiency virus 1 gp140 Protein, His Tag (orb1743004) is expressed from human 293 cells (HEK293). It contains AA Ala 30 - Asp 661 (Accession # Q2N0S5).

**MW** 53.7 kDa & 19.3 kDa

**Uniprot ID** [Q2N0S5](https://www.uniprot.org/entry/Q2N0S5)

**Expiration Date** 6 months from date of receipt.