

HUMAN VSIG1 PROTEIN, HIS TAG**Cat.#:** 11915**Product Name:** Human VSIG1 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** GPA34**Target:** VSIG1**UNIPROT ID:** Q86XK7**Description:** Recombinant Human VSIG1 Protein with C-terminal 6xHis tag**Background:** This gene encodes a member of the junctional adhesion molecule (JAM) family. The encoded protein contains multiple glycosylation sites at the N-terminal region, and multiple phosphorylation sites and glutamic acid/proline (EP) repeats at the C-terminal region. The gene is expressed in normal stomach and testis, as well as in gastric, esophageal and ovarian cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 23.7 kDa after removal of the signal peptide. The apparent molecular mass of VSIG1-His is approximately 35–55 kDa due to glycosylation.**Molecular Characterization:** VSIG1(Val22–Glu232) 6×His tag**Purity:** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.**Storage & Shipping:** Store at –20°C to –80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at –80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Figure 1. Human VSIG1 Protein, His Tag on SDS-PAGE under reducing condition.