

HUMAN AMIGO2 PROTEIN, HIS TAG**Cat.#:** 11784**Product Name:** Human AMIGO2 Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** ALI1;AMIGO-2;DEGA**Target:** AMIGO2**UNIPROT ID:** Q86SJ2**Description:** Recombinant human AMIGO2 protein with C-terminal 6xHis tag**Background:** Required for depolarization-dependent survival of cultured cerebellar granule neurons. May mediate homophilic as well as heterophilic cell-cell interaction with AMIGO1 or AMIGO3. May contribute to signal transduction through its intracellular domain. May be required for tumorigenesis of a subset of gastric adenocarcinomas.[UniProtKB/Swiss-Prot Function]**Species/Host:** HEK293**Molecular Weight:** The protein has a predicted molecular mass of 41.7 kDa after removal of the signal peptide. The apparent molecular mass of AMIGO2-His is approximately 55-70 kDa due to glycosylation.**Molecular Characterization:** AMIGO2(Val40-Thr398) 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.

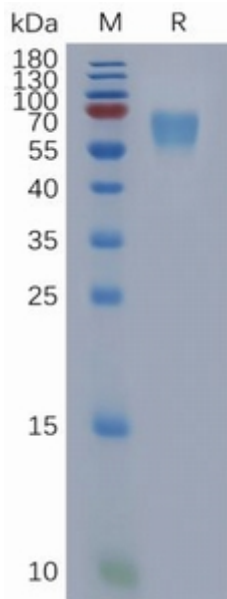


Figure 1. Human AMIGO2 Protein, His Tag on SDS-PAGE under reducing condition.