PRODUCT INFORMATION

Target	AMIGO2
Synonyms	ALI1;AMIGO-2;DEGA
Description	Recombinant human AMIGO2 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q86SJ2
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	AMIGO2(Val40-Thr398) 6×His tag
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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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]
Usage	Research use only

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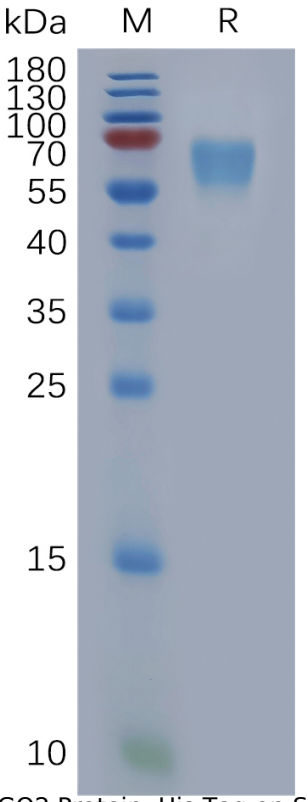

Figure 1. Human AMIGO2 Protein, His Tag on SDS-PAGE under reducing condition.

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