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Datasheet for ABIN7317206

AMIGO2 Protein (AA 1-398) (His tag)

Overview

Quantity:	50 µg
Target:	AMIGO2
Protein Characteristics:	AA 1-398
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMIGO2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human AMIGO2 Protein (aa 1-398, His Tag)
Sequence:	Met 1-Thr398
Characteristics:	A DNA sequence encoding the human AMIGO2 (NP_862830.1) (Met1-Thr398) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	AMIGO2
Alternative Name:	AMIGO2 (AMIGO2 Products)
Background:	Background: AMIGO2 contains Ig-like C2-type (immunoglobulin-like) domain, 6 LRR (leucine-

Target Details

rich) repeats, 1 LRRCT domain and 1 LRRNT domain. It belongs to the immunoglobulin superfamily, AMIGO family. AMIGO2 may mediate homophilic as well as heterophilic cell-cell interaction with AMIGO1 or AMIGO3. It is required for depolarization-dependent survival of cultured cerebellar granule neurons. AMIGO2 may also contribute to signal transduction through its intracellular domain. It may play a role in the tumorigenesis of a subset of gastric adenocarcinomas. AMIGO2 is highly expressed in breast, ovary, cervix, and uterus.

Synonym: Amphoterin-Induced Protein 2, AMIGO-2, Alivin-1, Differentially Expressed in Gastric Adenocarcinomas, DEGA, ALI1

Molecular Weight: 42.3 kDa

NCBI Accession: [NP_862830](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.