

Recombinant Human AMIGO2 Protein, His-tagged

Cat. No. AMIGO2-385H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human AMIGO2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
Description	AMIGO2, also known amphoterin-induced protein 2, is a leucine-rich repeat family member. This protein may mediate homophilic as well as heterophilic cell-cell interaction with AMIGO1 or AMIGO3. Also, AMIGO2 contributes to signal transduction through its intracellular domain and be required for tumorigenesis of a subset of gastric adenocarcinomas.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	41.9kDa (367aa)40-57KDa (SDS-PAGE under reducing conditions.)
AA Sequence	VCPTACICAT DIVSCTNKNL SKVPGNLFRL IKRLDLSYNR IGLLDSEWIP VSFAKLNTLI LRHNNITSIS TGSFSTTPNL KCLDLSSNKL KTVKNAVFQE LKVLEVLLLY NNHISYLDPS AFGGLSQLQK LYLSGNFLTQ FPMDLYVGRF KLAELMFLDV SYNRIPSMPM HHINLVPGKQ LRGIYLHGPN FVCDCSLYSL LVFWYRRHFS SVMDFKNDYT CRLWSDSRHS RQVLLQDSF MNCSDSIING SFRALGFIHE AQVGERLMVH CDSKTGNANT DFIWVGPDNR LLEPDKEMEN FYVFHNGSLV IESPRFEDAG VYSCIAMNKQ RLLNETVDVT INVSNFTVSR SHAHEAFNTL EHHHHHH

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Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>95% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name	AMIGO2 adhesion molecule with Ig-like domain 2 [Homo sapiens]
Official Symbol	AMIGO2
Synonyms	AMIGO2; adhesion molecule with Ig-like domain 2; amphoterin-induced protein 2; ALI1; amphoterin induced gene and open reading frame 2; DEGA; alivin 1; amphoterin induced gene 2; transmembrane protein AMIGO2; differentially expressed in gastric adenocarcinoma; differentially expressed in gastric adenocarcinomas; AMIGO-2;
Gene ID	347902
mRNA Refseq	NM_181847
Protein Refseq	NP_862830
MIM	
UniProt ID	Q86SJ2

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Chromosome	12q13.11
Location	

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