

Recombinant human AMIGO2 protein

Catalog Number: ATGP3230

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

40-398aa

UniProt No.

Q86SJ2

NCBI Accession No.

NP_862830.1

Alternative Names

AMIGO2, ALI1, AMIGO-2, DEGA, Alivin-1

PRODUCT SPECIFICATION

Molecular Weight

41.9 kDa (367aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

AMIGO2, also known as 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 is required for tumorigenesis of a subset of gastric adenocarcinomas. Recombinant human AMIGO2, fused to His-tag at C-terminus, was expressed in

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insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

VCPTACICAT DIVSCTNKNL SKVPGNLFRL IKRLDLSYNR IGLLDSEWIP VSFACLNTLI LRHNNITSIS TGSFSTTPNL
KCLDLSSNKL KTVKNAVFQE LKVLEVLLLY NNHISYLDPS AFGGLSQLQK LYLSGNFLTQ FPMPLYVGRF KLAELMFLDV
SYNRIPSMPPM HHINLVPGKQ LRGIYLGHPN FVCDCLYSL LVFWYRRHFS SVMDFKNDYT CRLWSDSRHS RQVLLQDSF
MNCSDSIING SFRALGFIHE AQVGERLMVH CDSKTGNANT DFIWVGPDNR LLEPDKEMEN FYVFHNGSLV IESPRFEDAG
VYSCIAMNKQ RLLNETVDVT INVSNFTVSR SHAHEAFNT<L EHHHHHH>

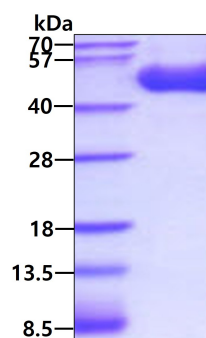
General References

Rabenau KE., et al. (2004) *Oncogene* 23(29):5056-5067.

Ono T., et al. (2003) *J. Neurosci.* 23(13):5887-5896.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.