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 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. Recombinant human AMIGO2, fused to His-tag at C-terminus, was expressed in

insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

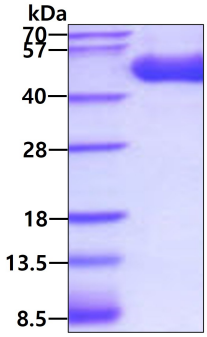
VCPTACICAT DIVSCTNKNL SKVPGNLFRL IKRLDLSYNR IGLLDSEWIP VSFAKLNTLI LRHNNITSIS TGSFSTTPNL KCLDLSSNKL KTVKNAVFQE LKVLEVLLLY NNHISYLDPS AFGGLSQLQK LYLSGNFLTQ FPMDLYVGRF KLAELMFLDV SYNRIPSMPM HHINLVPGKQ LRGIYLHGNP FVCDCSLYSL LVFWYRRHFS SVMDFKNDYT CRLWSDSRHS RQVLLLQDSF MNCSDSIING SFRALGFIHE AQVGERLMVH CDSKTGNANT 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.