32-13029: AMIGO2 Human

Alternative Name :	Adhesion Molecule with Ig-Like Domain 2, Differentially Expressed in Gastric, Adenocarcinomas, AMIGO-2, ALI1, DEGA, Differentially Expressed in Gastric, Adenocarcinoma, Amphoterin-Induced Gene and Open Reading Frame 2, Transmembrane Protein AMIGO2, Amphoterin Induced Gene, Alivin 1, Alivin-1.

Description

Source: Sf9, Insect cells.
Sterile filtered colorless solution.
Adhesion Molecule with Ig-Like Domain 2, also known as AMIGO2 is a member of the leucine-rich repeat family. AMIGO2 arbitrates homophilic in addition to heterophilic cell-cell interaction with AMIGO1 or AMIGO3. Furthermore, AMIGO2 contributes to signal transduction via its intracellular domain and is also essential for tumorigenesis of a subset of gastric adenocarcinomas. AMIGO2 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 367 amino acids (40-398a.a.) and having a molecular mass of 41.9kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).AMIGO2 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	AMIGO2 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	VCPTACICAT DIVSCTNKNL SKVPGNLFRL IKRLDLSYNR IGLLDSEWIP VSFAKLNTLILRHNNITSIS 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 SHAHEAFNTL EHHHHHH.