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Datasheet for ABIN7319701

**AMIGO2 Protein (AA 40-393) (His tag)**

## Overview

Quantity:	50 µg
Target:	AMIGO2
Protein Characteristics:	AA 40-393
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMIGO2 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human AMIGO2 Protein (aa 40-393, His Tag)
Sequence:	Val40-His393
Characteristics:	Recombinant Human AMIGO2 is produced by our Mammalian expression system and the target gene encoding Val40-His393 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % 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 ( <a href="#">AMIGO2 Products</a> )
Background:	Background: Amphoterin-Induced Protein 2 (AMIGO2) is a single-pass type I membrane protein

## Target Details

which belongs to the AMIGO family of immunoglobulin superfamily. Mature AMIGO2 contains an Ig-like C2-type (immunoglobulin-like) domain, 6 LRR (leucine-rich) repeats, a LRRCT domain, as well as a LRRNT domain. AMIGO2 is mainly expressed in breast, ovary, cervix, and uterus, although lower in lung, colon, and rectum. AMIGO2 required for depolarization-dependent survival of cultured cerebellar granule neurons. AMIGO2 may mediate homophilic as well as heterophilic cell-cell interaction with AMIGO1 or AMIGO3. AMIGO2 may contribute to signal transduction through its intracellular domain, and may be required for tumorigenesis of a subset of gastric adenocarcinomas.

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

Molecular Weight: 41.34 kDa

UniProt: [Q86SJ2](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

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

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

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.