

## Product datasheet for **TP726817**

### AMIGO2 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Amphoterin-Induced Protein 2/AMIGO2/Alivin-1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Val40-His393
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,PH7.4.
Note:	Recombinant Human Amphoterin-induced Gene and ORF 2 is produced by our Mammalian expression system and the target gene encoding Gly40-His393 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	347902
UniProt ID:	<a href="#">Q86SJ2</a>
Synonyms:	Amphoterin-Induced Protein 2; AMIGO-2; Alivin-1; Differentially Expressed in Gastric Adenocarcinomas; DEGA; AMIGO2; ALI1
Summary:	Amphoterin-Induced Protein 2 (AMIGO2) is a single-pass type I membrane protein 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.
Protein Families:	Druggable Genome, Transmembrane



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