

Recombinant Human AMIGO2

Catalog No: #GP11028



Package Size: #GP11028-1 100ug

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Description

Product Name	Recombinant Human AMIGO2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 420-522 amino acids of human adhesion molecule with Ig-like domain 2
Target Name	adhesion molecule with Ig-like domain 2
Other Names	ALI1; DEGA; AMIGO-2
Accession No.	Swissprot:Q86SJ2Gene Accession:BC047595
Uniprot	Q86SJ2
GenID	347902;
Storage	-20~-80°C, pH 7.6 PBS

Background

The amphoterin-induced gene and ORF (AMIGO) family of proteins consists of AMIGO-1, AMIGO-2 and AMIGO-3. All three members are single pass type I membrane proteins that contain several leucine-rich repeats, one IgG domain, and a transmembrane domain. The AMIGO proteins are specifically expressed on fiber tracts of neuronal tissues and participate in their formation. The AMIGO proteins can form complexes with each other, but can also bind itself. AMIGO-1, also designated Alivin-2, promotes growth and fasciculation of neurites and plays a role in myelination and fasciculation of developing neural axons. In cerebellar neurons, AMIGO-2 (Alivin-1) is crucial for depolarization-dependent survival. Similar to AMIGO-1 and AMIGO-2, AMIGO-3 (Alivin-3) plays a role in homophilic and/or heterophilic cell-cell interaction and signal transduction

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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