

Product datasheet

Recombinant Mouse AL-1 protein ab185830

Description

Product name	Recombinant Mouse AL-1 protein
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	Mammalian
Accession	<u>O08543</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	QDPGSKVVADRYAVYWNSSNPRFQRGDYHIDVCINDYLD VFCPHYEDSVP EDKTERVLYMVNFDGYSACDHTSKGFKRWEENRPHSP NGPLKFSEKFQL FTPFLGFEFRPGREYFYISSAIPDNGRRSCLKLVFVRPT NSCMKTIGV HDRVFDVNDKVENSLPADDTVHESAEPSRGENAAQVD HHHHHH
Predicted molecular weight	23 kDa including tags
Amino acids	21 to 206
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab185830** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Lyophilized
Additional notes	Previously labelled as Ephrin A5.

Preparation and Storage

Stability and Storage	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.40 Constituent: 100% PBS
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 3X PBS. After reconstitution aliquot and store at < -20°C, avoid freeze/thaw cycles.

General Info

Function	May function actively to stimulate axon fasciculation. Induces compartmentalized signaling within a caveolae-like membrane microdomain when bound to the extracellular domain of its cognate receptor. This signaling event requires the activity of the Fyn tyrosine kinase.
Sequence similarities	Belongs to the ephrin family.
Cellular localization	Cell membrane. Membrane > caveola. Compartmentalized in discrete caveolae-like membrane microdomains.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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