

Datasheet for ABIN7556821

## ADRA1D Protein (AA 1-562) (His tag)



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### Overview

Quantity:	1 mg
Target:	ADRA1D
Protein Characteristics:	AA 1-562
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADRA1D protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Adra1d Protein expressed in mammalian cells.
Sequence:	<p>MTFRDILSVT FEGPRASSST GGSGAGGGAG TVGPEGPAVG GVPGATGSSA VVGTGSGEDN</p> <p>QSSTAEAGAA ASGEVNGSAA VGGLVSAQG VGVGVFLAAF ILTAVAGNLL VILSVACNRH</p> <p>LQTVTNYFIV NLAVADLLL AAVLPFSATM EVLGFWPFGF TFCDVWAAVD VLCCTASILS</p> <p>LCTISVDRYV GVRHSLKYPA IMTERKAAAI LALLWAVALV VSVGPLLGWK EPVPPDERFC</p> <p>GITEEVGYAI FSSVCSFYLP MAVIVVMYCR VYVVARSTTR SLEAGIKREP GKASEVVLRI</p> <p>HCRGAATSAK GNPQTQSSKG HTLRSSLSVR LLKFSREKKA AKTLAIVGV FVLCWFPPFF</p> <p>VLPLGSLFPQ LKPSEGVPKV IFWLGYNFNSC VNPLIYPCSS REFKRAFLRL LRCQCRRRRR</p> <p>RLWPSLRPPL ASLDRPALR LCPQPAHRTP RGSPSPHCTP RPGLRRHAGG AGFGLRPSKA</p> <p>SLRLREWRL GPLQRPTTQL RAKVSSLSHK FRSGGARAE TACALRSEVE AVSLNVPQDG</p> <p>AEAVICQAYE PGDLNLRRET DI <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein</b></p>

**could make another tag necessary. In case you have a special request, please contact us.**

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

### Grade:

custom-made

## Target Details

### Target:

ADRA1D

### Alternative Name:

Adra1d ([ADRA1D Products](#))

### Background:

Alpha-1D adrenergic receptor (Alpha-1A adrenergic receptor) (Alpha-1D adrenoreceptor) (Alpha-1D adrenoceptor),FUNCTION: This alpha-adrenergic receptor mediates its effect through the influx of extracellular calcium.

### Molecular Weight:

59.9 kDa

### UniProt:

[P97714](#)

## Application Details

### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

### Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months