

Datasheet for ABIN7551860

ADRA1D Protein (AA 1-572) (His tag)



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Overview

Quantity:	1 mg
Target:	ADRA1D
Protein Characteristics:	AA 1-572
Origin:	Human
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>MTFRDLLSVS FEGPRPDSSA GGSSAGGGGG SAGGAAPSEG PAVGGVPGGA GGGGGVVGAG</p> <p>SGEDNRSSAG EPGSAGAGGD VNGTAAVGGL VVSAQGVGVG VFLAAFILMA VAGNLLVILS</p> <p>VACNRHLQTV TNYFIVNLAV ADLLSATVL PFSATMEVLG FWAFGRAFCD VWAADVLLCC</p> <p>TASILSLCTI SVDRYVGVRH SLKYPAMTE RKAAILALL WVVALVSVG PLLGWKEPVP</p> <p>PDERFCGITE EAGYAVFSSV CSFYLPMAVI VVMYCRVYV ARSTTRSLEA GVKRERKAS</p> <p>EVVLRHICRG AATGADGAHG MRSAGHTFR SSVRLKLF SREKKAATL AIVVGVFVLC</p> <p>WFPFFVFLPL GSLFPQLKPS EGVFKVIFWL GYFNSCVNPL IYPCSSREFK RAFLRLLRQC</p> <p>CRRRRRRRPL WRVYGHHWRA STSGLRQDCA PSSGDAPPGA PLALTALPDP DPEPPGTPEM</p> <p>QAPVASRRKP PSAFREWRLL GPFRRPTTQL RAKVSSLCHK IRAGGAQRAE AACQRSEVE</p> <p>AVSLGVPHEV AEGATCQAYE LADYSLNRET DI Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p>

Product Details

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

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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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) (Alpha-adrenergic receptor 1a),FUNCTION: This alpha-adrenergic receptor mediates its effect through the influx of extracellular calcium.
Molecular Weight:	60.5 kDa
UniProt:	P25100

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.
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Application Details

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