

Datasheet for ABIN7559954

OASL Protein (AA 1-511) (His tag)



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Overview

Quantity:	1 mg
Target:	OASL
Protein Characteristics:	AA 1-511
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OASL protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Oas1 Protein expressed in mammalian cells.
Sequence:	<p>MAVAQELYGF PASKLDSFVA QWLQPTREWK EEVLETVQTV EQFLRQENFR EDGRGPARDVR</p> <p>VLKVLKVGCF GNGTVLRSTT DVELVFLSC FHSFQEEAKH HQAVLRLIQK RMYYCQELMD</p> <p>LGLSNLSVTN RVPSSLIFTI QTRETWETIT VTVVPAYRAL GPSCPSSEVY ANLIKANGYP</p> <p>GNFSPSFSEL QRNFVKHRPT KLKSLRLVK HWYQQYVRDK CPRANLPPLY ALELLTVYAW</p> <p>EAGTREDANF RLDEGLATVM ELLQDHELLC IYWTKHYTLQ HPVIEACVRR QLRGQRPIIL</p> <p>DPADPTNNVA EGYRWDIVAQ RANQCLKQDC CYDNRDSPVP SWRVKRAPDI QVTVQEWGHS</p> <p>DLTFWVNPYE PIKKLKEKIQ LSQGYLGLQR LSFQEPGGER QLIRSHCTLA YYGIFCDTHI</p> <p>CLLDTISPEI QVFVKNPDGR SHAYAIHPLD YVLNLKQIE DRQGLRCQEQ RLEFQGHILE</p> <p>DWFDFKSYGI QDSVTVILSK TTEGAAPFVP S Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p>

Product Details

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:

OASL

Alternative Name:

Oas1 ([OASL Products](#))

Background:

2'-5'-oligoadenylate synthase-like protein 1 (2',5'-oligoadenylate synthetase-like 9),FUNCTION: Does not have 2'-5'-OAS activity, but can bind double-stranded RNA. Displays antiviral activity via an alternative antiviral pathway independent of RNase L. {ECO:0000269|PubMed:12396720, ECO:0000269|PubMed:12799444}.

Molecular Weight:

59.1 kDa

UniProt:

[Q8VI94](#)

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.

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