

Datasheet for ABIN7557626
OAS1B Protein (AA 1-376) (His tag)



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Overview

Quantity:	1 mg
Target:	OAS1B
Protein Characteristics:	AA 1-376
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OAS1B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Oas1b Protein expressed in mammalien cells.
Sequence:	MEQDLRSIPA SKLDKFIENH LPDTSFCADL REVIDALCAL LKDRSFRGPV RRMASKGVK GKGTTLKGRS DADLVVFLNN LTSFEDQLNQ QGVLIKEIKK QLCEVQHERR CGVKFEVHSL RSPNSRALSF KLSAPDLLKE VKFDVLPAYD LLDHLNILKK PNQQFYANLI SGRTPPGKEG KLSICFMGLR KYFLNCRPTK LKRLIRLVTH WYQLCKEKLK DPLPPQYALE LLTVYAWEYG SRVTKFNATQ GFRTVLELVT KYKQLQIYWT VYYDFRHQEV SEYLHQQLKK DRPVILDPAD PTRNIAGLNP KDWRRLAGEA AAWLQYPCFK YRDGSSVCSW EVPTEVGVPM KYLLCRIFWL LFWSLFHFIF GKTSSG Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	OAS1B
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Alternative Name:	Oas1b
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Background:	Inactive 2'-5'-oligoadenylate synthase 1B ((2-5')oligo(A) synthase 1B) (2-5A synthase 1B) (2'-5'-oligoadenylate synthase-like protein 1),FUNCTION: Does not have 2'-5'-OAS activity, but can bind double-stranded RNA (PubMed:12396720, PubMed:27663720). The full-length protein displays antiviral activity against flaviviruses such as west Nile virus (WNV) via an alternative antiviral pathway independent of RNase L (PubMed:12080145, PubMed:16371364, PubMed:17904183, PubMed:27663720). The truncated form of the protein lacks antiviral activity (PubMed:12080145, PubMed:16371364, PubMed:17904183). {ECO:0000269 PubMed:12080145, ECO:0000269 PubMed:12396720, ECO:0000269 PubMed:16371364, ECO:0000269 PubMed:17904183, ECO:0000269 PubMed:27663720}.
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Molecular Weight:	43.6 kDa
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UniProt:	Q60856
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Pathways:	Hepatitis C
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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
