

Datasheet for ABIN7556260  
**KHDRBS2 Protein (AA 1-349) (His tag)**



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## Overview

Quantity:	1 mg
Target:	KHDRBS2
Protein Characteristics:	AA 1-349
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KHDRBS2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Khdrbs2 Protein expressed in mammalian cells.
Sequence:	<p>MGEEKYLPPEL MAEKDSLDPV FVHASRLLA EIEKFQGS DG KKEDEEK KYL DVISNKNIKL SERVLIPVKQ YPKFNFVGKL LGPRGNSLKR LQEETGAKMS ILGKGS MRDK TKEEELRKSG EAKYAHLSDE LHVLIIEVFAP PGEAYS RSMH ALEEIKKFLV PDYNDEIRQE QLRELSYLN SEESGRGRGI RGRGIRITPT APSRGRGGAV PPPPPPGRGV LTPRGTTVTR GALPVPPIAR GVPTPRARGT AAVPGYRAPP PPAHDAYE EY GYDDGYGGEY DDQTYEAYDN SYVTPTQSV EYYDYG HGVN EDAYDSYAPE EWATTRSS LK APPPRSARGG YREHPYGRY <b>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.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

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- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	KHDRBS2
Alternative Name:	Khdrbs2 ( <a href="#">KHDRBS2 Products</a> )
Background:	<p>KH domain-containing, RNA-binding, signal transduction-associated protein 2 (Sam68-like mammalian protein 1) (SLM-1) (mSLM-1),FUNCTION: RNA-binding protein that plays a role in the regulation of alternative splicing and influences mRNA splice site selection and exon inclusion (By similarity). Binds both poly(A) and poly(U) homopolymers. Phosphorylation by PTK6 inhibits its RNA-binding ability. Induces an increased concentration-dependent incorporation of exon in CD44 pre-mRNA by direct binding to purine-rich exonic enhancer (By similarity). Can regulate alternative splicing of neurexins NRXN1-3 in the laminin G-like domain 6 containing the evolutionary conserved neurexin alternative spliced segment 4 (AS4) involved in neurexin selective targeting to postsynaptic partners. Regulates cell-type specific alternative splicing of NRXN1 at AS4 and acts synergistically with SAM68 in exon skipping. In contrast acts antagonistically with SAM68 in NRXN3 exon skipping at AS4 (PubMed:22196734, PubMed:24469635). Its phosphorylation by FYN inhibits its ability to regulate splice site selection (By similarity). May function as an adapter protein for Src kinases during mitosis (PubMed:10077576). {ECO:0000250 UniProtKB:Q920F3, ECO:0000269 PubMed:10077576,</p>

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## Target Details

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ECO:0000269|PubMed:15471878, ECO:0000269|PubMed:22196734,  
ECO:0000269|PubMed:24469635}.

Molecular Weight: 38.9 kDa

UniProt: [Q9WU01](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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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