

Datasheet for ABIN7562213
TROVE2 Protein (AA 1-538) (His tag)



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Overview

Quantity:	1 mg
Target:	TROVE2
Protein Characteristics:	AA 1-538
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TROVE2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RO60 Protein expressed in mammalian cells.
Sequence:	<p>MEGSANQLQP LSETQVVNSE GGCVWQVTDM NRLRRFLCFG SEGGTYIYKE QKLGLENAEA LIRLIEDGRG CEVIQEIKSF SQEGRTAKQE PLLFALAVCS QCADINTKQA AFKAVPEVCR IPTHLFTFIQ FKKDLKESMK CGMWGRALRK AVADWYNEKG GMAVALVVTYK YKQRNGWSHK DLLRLSHLKP SSEGLAIVTK YITKGWKEVH EYKEKALSV EAEKLLKYLE AVEKVKRTKD DLEVIHLIEE HQLVREHLLT NHLKSKEVWK ALLQEMPLTA LLRNLGKMTA NSVLEPGNSE VSLICEKLSN EKLLKKARIH PFHVLIALET YRAGHGLRGK LKWIPDKDIL QALDAAFYTT FKTVEPTGKR FLLAVDVSAS MNQRALGSVL NASTVAAAMC MVVTRTEKES SVVAFACDMV PFPVTTDRTL QVLTAMNKV PAGNTDCSLP MIWAQKTDTA ADVFVFTDN ETFAGQVHPA VALREYRKKM DIPAKLIVCG MTSNGFTIAD PDRGMLDMC GFDTAALDVI RNFTLDVI 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.</p>

Product Details

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:**

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: TROVE2

Alternative Name: RO60 ([TROVE2 Products](#))

Background: RNA-binding protein Ro60 (60 kDa SS-A/Ro ribonucleoprotein) (60 kDa Ro protein) (60 kDa ribonucleoprotein Ro) (RoRNP) (TROVE domain family member 2),FUNCTION: RNA-binding protein that binds to misfolded non-coding RNAs, pre-5S rRNA, and several small cytoplasmic RNA molecules known as Y RNAs (By similarity). May play roles in cilia formation and/or maintenance (PubMed:21289087). {ECO:0000250|UniProtKB:P10155, ECO:0000269|PubMed:21289087}.

Molecular Weight: 60.1 kDa

UniProt: [O08848](#)

Application Details

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

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
