

Datasheet for ABIN7548272
HEATR3 Protein (AA 1-680) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	HEATR3
Protein Characteristics:	AA 1-680
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HEATR3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HEATR3 Protein expressed in mammalian cells.
Sequence:	MGKSRTKRFK RPQFSPTGDC QAEAAAAANG TGGEEDDGPA AELLEKLQHP SAEVRECACA GLARLVQQRP ALPGLARRDA VRRLGPLLLD PSLAVRETAA GALRNLSACG GFEVCDDMVT KDIMTPLVAL LKECSAGLDS NEMSLQEKKD QNRNSIENIA NETVNVLWNI CECSSRAVSI FNKEGCLEIV LKYLRSRFTN VDLAISVAYC LQTVTEDNPE LLKSFSATAL NMLESALLSP VSSMESLLLK TLVAGTIWNL KDIIPCKSQA EIINALLKIL SEVLGMDAGE MVIQMKEAET QRLKTAEEAE EILENTNGDD LIEDEMEGI SHKRRVRRKT FVSDLLPPTD KELRETIALL TAQQTALEII VNMCCNEDPS DDEWEELSSS DESDAFMENS FSECGQLFS PLCLSHEVHT ALTNYLIPKK IFEKTAFPNS IAVDLCSRNP TWKPLIRKMN TIQCRAFCL QSLVSLLDVE HLGGAAALQT LAQHLSQLLF SQPDFAKHVD FLEAISSALR ALLQTMASKN ISQCMTPDQL MTLCKAGIHS SNVGVRVNVV SILGITGSVL AKEDGTLET LKNIGCFLLV TTKDPSLVVA GEALDALFDV FADGKEAERA SIQIKLLSAL KEFQPVKMK IRKEGRGNYS TDQLCVLDNV KMNLRRFIAY QETVEKRLTS Sequence without tag. The proposed Purification-Tag is based

Product Details

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.

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: HEATR3

Alternative Name: HEATR3 ([HEATR3 Products](#))

Background: HEAT repeat-containing protein 3,FUNCTION: Plays a role in ribosome biogenesis and in nuclear import of the 60S ribosomal protein L5/large ribosomal subunit protein uL18 (RPL5) (PubMed:35213692). Required for proper erythrocyte maturation (PubMed:35213692). {ECO:0000269|PubMed:35213692}.

Molecular Weight: 74.6 kDa

UniProt: [Q7Z4Q2](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

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
