

Datasheet for ABIN7560123
C1orf38 Protein (AA 1-663) (His tag)



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Overview

Quantity:	1 mg
Target:	C1orf38
Protein Characteristics:	AA 1-663
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C1orf38 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Themis2 Protein expressed in mammalian cells.
Sequence:	<p>MEPVPLQDFV SGLDPTSLPR VLRVCSGVYF EGSVYELFGN ECCLSTGDLI KVTHVQLQKV VCEYPETGQT LELNPNFTGL FSPLTSLRSY RTLEDLVSAM PQNSTRWPIY FKSTQRIVTK ASVVPEDQPL RLEAVEIHHG IRYARCVQVS KTKELLHLPL SQKGPFWRCK PSAPQTLHQI LQDPALKDLT LSCPSLPWNS VILKPQYMLQ AIMHMRSSIV KIPSTLEVEV EDVTASSQHI HFFKPLRLSE VLAGGGPFPL TTEILEVPEG PPVFLSPWVS FLRKGQRLCI YGPASPSWRV VASSKSRKVP RYFMLSGAYQ GCLKRRRPREF STAYDLLGAL QPGRPLRVA TKDCDGNEEE NPDFSFLAVG DRLEVLRSGQ VCGTKGQDID VLVCQRLSEQ SGEEEDLEE IEDEAEDKEQ ILLPLYLSGS FVEEVNDSRR YNLVDLTAQY SLPCEVKVVT KDTRHPTDPL ASFPGLRLEE KLTEPFLVVS LDSQPEMCFE IPPRWLDLTV VEAEGQPAQV ARPLSIAPVE ELSEAFYYSL RKLPAESQA PPPRPPKSQG INKKQNIQS CKESSVKPQV VEPQKSCPQP QLKAKTLEAL PKNKSNVYSK ISVHKKDRKP NPQTQNSVLS MKPKTSSSLG KHSTMESHLL PDPDMDHDY EEI</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the</p>

Product Details

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: C1orf38

Alternative Name: Themis2 ([C1orf38 Products](#))

Background: Protein THEMIS2 (Induced by contact to basement membrane 1 protein) (Protein ICB-1) (Thymocyte-expressed molecule involved in selection protein 2),FUNCTION: May constitute a control point in macrophage inflammatory response, promoting LPS-induced TLR4-mediated TNF production (PubMed:20644716). Determines the threshold for activation of B cells by low-affinity and low-avidity ligands via PLCG2 activation and its downstream pathways (PubMed:27992403). {ECO:0000269|PubMed:20644716, ECO:0000269|PubMed:27992403}.

Molecular Weight: 74.4 kDa

UniProt: [Q91YX0](#)

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
