

Datasheet for ABIN7549320

MARCO Protein (AA 1-520) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MARCO
Protein Characteristics:	AA 1-520
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MARCO protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MARCO Protein expressed in mammalian cells.
Sequence:	<p>MRNKKILKED ELLSETQQAA FHQIAMEPFE INVPKPKRRN GVNFLAVVV IYLILLTAGA GLLVVQVLNL QARLRVLEMY FLNDTLAAED SPSFSLLQSA HPGEHLAQGA SRLQVLQAQL TWVRVSHEHL LQRVDNFTQN PGMFRIKGEQ GAPGLQGHKG AMGMPGAPGP PGPPAEKGAK GAMGRDGATG PSGPQPPGV KGEAGLQGPQ GAPGKQGATG TPGPQGEKGS KGDGGLIGPK GETGTKGEKG DLGLPGSKGD RGMKGDAGVM GPPGAQGSKG DFGRPGPPGL AGFPGAAGDQ GQPGLQGVPG PPGAVGHPGA KGEPSAGSP GRAGLPGSPG SPGATGLKGS KGDTGLQGQQ GRKGESGVPG PAGVKGEQGS PLAGPKGAP GQAGQKGDQG VKGSSGEQGV KGEKGERGEN SVSVRIVGSS NRGRAEVYYS GTWGTICDDE WQNSDAIVFC RMLGYSKGRA LYKVGAGTGQ IWLDNVQCRG TESTLWSCTK NSWGHHDCSH EEDAGVECSV 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: MARCO

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

Background: Macrophage receptor MARCO (Macrophage receptor with collagenous structure) (Scavenger receptor class A member 2),FUNCTION: Pattern recognition receptor (PRR) which binds Gram-positive and Gram-negative bacteria (PubMed:9468508). Also plays a role in binding of unopsonized particles by alveolar macrophages (By similarity). Binds to the secretoglobin SCGB3A2 (PubMed:12847263). {ECO:0000250|UniProtKB:Q9WUB9, ECO:0000269|PubMed:12847263, ECO:0000269|PubMed:9468508}.

Molecular Weight: 52.7 kDa

UniProt: [Q9UEW3](#)

Pathways: [Activation of Innate immune Response](#)

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
