

Datasheet for ABIN7558179
FAM102A Protein (AA 1-392) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FAM102A
Protein Characteristics:	AA 1-392
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM102A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Eeig1 Protein expressed in mammalian cells.
Sequence:	MAFLMKKKKF KFQTTFTLEE LTAVPFVNGV LFCKVRLLDG GDFVSLSSRE EVQENCVRWR KRFTFVCKMS ANPATGLLDP CIFRVSVRKE LKGGKAYSKL GFTDLNLAEF AGSGSTVRCC LLEGYDTKNT RQDNSILKVT IGMFLLSGDP CFKTPPSTAK SISIPQDSS LQLTCKGGGT SSGGSSSTNS LTGSRPPKTR PTILGSLPE EPDQSLSSPE EVFHSGHSRN SSYASQQSKL SGYSTEHSRS SSLSDLTHRR NTSTSSSASG GLSMAVEGPE GMEREHRPSE KPPRPPEKPP RPPRPLHLSR RSFRRKKDSV ESHPTWVDDT RIDADDIVEK IMQSQDFTDG SNTEDSNLRL FVSRDGSTTL SGIQLGNRVS SGVYEPVIE SH 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.
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.

Product Details

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:

FAM102A

Alternative Name:

Eeig1 ([FAM102A Products](#))

Background:

Early estrogen-induced gene 1 protein (EEIG1),FUNCTION: Key component of TNFSF11/RANKL- and TNF-induced osteoclastogenesis pathways, thereby mediates bone resorption in pathological bone loss conditions (PubMed:23478294, PubMed:32741026). Required for TNFSF11/RANKL-induced osteoclastogenesis via its interaction with TNFRSF11A/RANK, thereby facilitates the downstream transcription of NFATC1 and activation of PLCG2 (PubMed:23478294). Facilitates recruitment of the transcriptional repressor PRDM1/BLIMP1 to the promoter of the anti-osteoclastogenesis gene IRF8, thereby resulting in transcription of osteoclast differentiation factors (PubMed:32741026). May play a role in estrogen action (By similarity). {ECO:0000250|UniProtKB:Q5T9C2, ECO:0000269|PubMed:23478294, ECO:0000269|PubMed:32741026}.

Molecular Weight:

42.8 kDa

UniProt:

[Q78T81](#)

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
