

Datasheet for ABIN7547509
FAM102A Protein (AA 1-384) (His tag)



[Go to Product page](#)

Overview

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| Quantity: | 1 mg |
| Target: | FAM102A |
| Protein Characteristics: | AA 1-384 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This FAM102A protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant EEIG1 Protein expressed in mammalian cells. |
| Sequence: | MAFLMKKKKF KFQTTFTLEE LTAVPFVNGV LFCKVRLLDG GDFVSLSSRE EVQENCVRWR KRFTFVCKMS ANPATGLLDP CVFRVSVRKE LKGGKAYSKL GFADLNLAEF AGSGSTVRCC LLEGYDTKNT RQDNSILKVT IGMFLLSGDP CFKTPPSTAK SISIPQDSS LQLTCKGGGT SSGGSSTNSL TGSRPPKARP TILSSGLPEE PDQNLSSPEE VFHSGHSRNS SYASQQSKIS GYSTEHSRSS SLSDLTHRRN TSTSSSASGG LGMTVEGPEG SEREHRPPEK PPRPPRPLHL SDRSFRKKD SVESHPTWVD DTRIDADAIV EKIVQSQDFT DGSNTEDSNL RLFVSRDGSA TLSGIQLATR VSSGVYEPVV IESH 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. |
| Characteristics: | Key Benefits: |

Product Details

- 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.

| | |
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| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade: | custom-made |

Target Details

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|-------------------|---|
| 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 (By similarity). Required for TNFSF11/RANKL-induced osteoclastogenesis via its interaction with TNFRSF11A/RANK, thereby facilitates the downstream transcription of NFATC1 and activation of PLCG2 (By similarity). 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 (By similarity). May play a role in estrogen action (PubMed:14605097). {ECO:0000250 UniProtKB:Q78T81, ECO:0000269 PubMed:14605097}. |
| Molecular Weight: | 41.8 kDa |
| UniProt: | Q5T9C2 |

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
