

Datasheet for ABIN7560302
DEF8 Protein (AA 1-448) (His tag)



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Overview

Quantity:	1 mg
Target:	DEF8
Protein Characteristics:	AA 1-448
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DEF8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Def8 Protein expressed in mammalian cells.
Sequence:	MEYDEKLVRF RQAHLNPFNK QLGPRHHEQE PSEKVTSED T LPELPAGEPE FHYSERMMDL GLSEDFHSRP VGLFLASDVQ QLRQAIEECK QVILELPEQS EKQKDAVVR L IHLRLKLQEL KDPNEEEPNI RVLLEHRFYK EKSKSVKQTC DKCNTIIWGL IQTWYCTGC CYRCHSKCLN LISKPCVSSK VSHQAEYELN ICPETGLDSQ DYRCAECRAP ISLRGVPSEA RQCDYTGQYY CSHCHWNDLA VIPARVVHNW DFEPKVSRC SMRYLALMVS RPYLRLREIN PLLFNHYVEEL VEIRKLRQDI LLMKPYFITC KEAMEARLLL QLQDRQHFVE NDEMYSIQDL LEVHMGR LSC SLTEIHTLFA KHIKDCERC QAKGFVCELC KEGDVLFPFD SHTSVCNDCS AVFHRDCYYD NSTTCPKCAR LTLRQSLFQ EPGLDMA 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

Product Details

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:

DEF8

Alternative Name:

Def8 ([DEF8 Products](#))

Background:

Differentially expressed in FDCP 8 (DEF-8),FUNCTION: Positively regulates lysosome peripheral distribution and ruffled border formation in osteoclasts (PubMed:27777970). Involved in bone resorption (PubMed:27777970). {ECO:0000269|PubMed:27777970}.

Molecular Weight:

52.3 kDa

UniProt:

[Q99J78](#)

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