

Datasheet for ABIN7548273

HEMGN Protein (AA 1-484) (His tag)



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Overview

Quantity:	1 mg
Target:	HEMGN
Protein Characteristics:	AA 1-484
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HEMGN protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HEMGN Protein expressed in mammalian cells.
Sequence:	<p>MDLGKDQSHL KHHQTPDPHQ EENHSPEVIG TWSLRNRELL RKRKAEVHEK ETSQWLFGEQ KKRKQQRGTGK GNRRGRKRQQ NTELKVEPQP QIEKEIVEKA LAPIEKKTEP PGSITKVFPS VASPQKVPE EHFSEICQES NIYQENFSEY QEIAVQNHSS ETCQHVSEPE DLSPKMYQEI SVLQDNSSKI CQDMKEPEDN SPNTCQVISV IQDHPFKMYQ DMAKREDLAP KMCQEAAVPK ILPCPTSED TADLAGCSLQA YPKPDVPGY ILDTDQNP AE PEEYNETDQG IAETGLFPK IQEIAEPKDL STKTHQESAE PKYLPHKTCN EIIVPKAPSH KTIQETPHSE DYSIEINQET PGSEKYPET YQEIPGLEEY SPEIYQETSQ LEEYSPEIYQ ETPGPEDLST ETYKNKDVPK ECFPEPHQET GGPQGQDPKA HQEDAKDAYT FPQEMKEKPK EEPGIPAILN ESHPENDVYS YVLF</p> <p>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>
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:

HEMGN

Alternative Name:

HEMGN ([HEMGN Products](#))

Background:

Hemogen (Erythroid differentiation-associated gene protein) (EDAG-1) (Hemopoietic gene protein) (Negative differentiation regulator protein),FUNCTION: Regulates the proliferation and differentiation of hematopoietic cells. Overexpression block the TPA-induced megakaryocytic differentiation in the K562 cell model. May also prevent cell apoptosis through the activation of the nuclear factor-kappa B (NF-kB). {ECO:0000269|PubMed:14730214, ECO:0000269|PubMed:15332117, ECO:0000269|PubMed:15920494}.

Molecular Weight:

55.3 kDa

UniProt:

[Q9BXL5](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

	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