

Recombinant Human HEMGN Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HEMGN-4651H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HEMGN MS Standard C13 and N15-labeled recombinant protein (NP_932095) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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).
Molecular Mass	55.3 kDa
AA Sequence	MDLGKDQSHLKHHQTPDPHQEENHSPEVIGTWSLRNRELLRKRKAEVHEKETSQW LFGEQKKRKQQRRTGKGNRRGRKRQQNTELKVEPQPQIEKEMEKALAPIEKKTEPPG SITKVFPSVASPQKVVP EEHFSEICQESNIYQENFSEYQEIAVQNHSSSETCQHVSEPE DLSPKMYQEISVLQDNSSKICQDMKEPEDNSPNTCQVISVIQDHPFKMYQDMAKRE DLAPKMCQEAAVPKILPCPTSED TADLAGCSLQAYPKPDVPGKYILDTDQNPAEPEE YNETDQGIAETEG LFPKIQEIAEPKDLSTKTHQESAEPKYLPHKTCNEIIVPKAPSHKTI QETPHSEDYSIEINQETPGSEKYSPEYQEIPGLEEYSPEIYQETSQLEEYSPEIYQET PGPEDLSTETYKNKDVPK ECFPEPHQETGGPQGQDPKAHQEDAKDAYTFPQEMKE KPKEEPGIPAILNESH PENDVYSYVLFTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

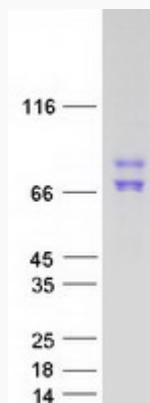
GENE INFORMATION

Gene Name	HEMGN hemogen [Homo sapiens (human)]
Official Symbol	HEMGN
Synonyms	HEMGN; hemogen; EDAG; hemopoietic gene protein; negative differentiation regulator protein; erythroid differentiation-associated gene protein; EDAG-1;
Gene ID	55363
mRNA Refseq	NM_197978
Protein Refseq	NP_932095
MIM	610715
UniProt ID	Q9BXL5

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SDS-PAGE

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