

Product datasheet for **TP314122M**

Hemogen (HEMGN) (NM_197978) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hemogen (HEMGN), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC214122 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MDLGKDQSHLKHHQTPDPHQEENHSPEVIGTWSLRNRELLRKRKAEVHEKETSQWLFGEQKRRKQQRRTGK
GNRRGRKRQQNTELVKVPQPQIEKEMEKALAPIEKKTEPPGSITKVFPSVASPQKVVPPEEHFSEICQESN
IYQENFSEYQEIAVQNHSSSETCQHVSEPEDLSPKMYQEISVLQDNSSKICQDMKEPEDNSPNTCQVISVI
QDHPFKMYQDMAKREDLAPKMCQEAAVPKILPCPTSEDADLAGCSLQAYPKPDVPGYILDTDQNPAP
EEYNETDQGIAETEGFLFPKIQEIAEPKDLSTKTHQESAEPKYLPHKTCNEIIVPKAPSHKTIQETPHSED
YSIEINQETPGSEKYPETYQEIPGLEEYSPEIYQETSQLEEYSPEIYQETPGPEDLSTETYKNKDVPKE
CFPEPHQETGGPQGQDPKAHQEDAKDAYTFPQEMKEKPKKEPGIPAILNESHPENDVYSYVLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

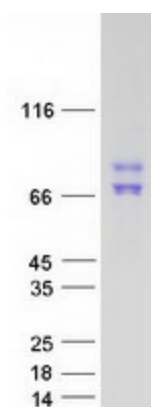
Tag:	C-Myc/DDK
Predicted MW:	55.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_932095



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Locus ID:	55363
UniProt ID:	Q9BXL5 , A0A024R162
RefSeq Size:	2306
Cytogenetics:	9q22.33
RefSeq ORF:	254
Synonyms:	CT155; EDAG; EDAG-1; NDR
Summary:	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).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified HEMGN protein (Cat# [TP314122]). The protein was produced from HEK293T cells transfected with HEMGN cDNA clone (Cat# [RC214122]) using MegaTran 2.0 (Cat# [TT210002]).