

Product datasheet for PH314122

Hemogen (HEMGN) (NM_197978) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HEMGN MS Standard C13 and N15-labeled recombinant protein (NP_932095)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214122
Predicted MW:	55.3 kDa
Protein Sequence:	>RC214122 protein sequence Red=Cloning site Green=Tags(s)

MDLGKDQSHLKHHTQDPDPHQEENHSPEVIGTWSLRNRELLRKRKAEVHEKETSQWLFGEQKRRKQRTGK
GNRRGRKRQNTLKVPEPQPIEKEMEKALAPIEKKTEPPGSITKVFPSVSPQKVVPEEHFSEICQESN
IYQENFSEYQEIAVQNHSSSETCQHVSEPEDLSPKMYQEISVLQDNSSKICQDMKEPEDNSPNTCQVISVI
QDHPFKMYQDMAKREDLAPKMCQEAAVPKILPCPTSEDTADLAGCSLQAYPKPDVPKGYILDTDQNPAP
EEYNETDQGIAETGLFPKIQEIAEPKDLSTKTHQESAEPKYLPHKTCNEIIVPKAPSHKTIQETPHSED
YSIEINQETPGSEKYSPEYQEIPGLEEYSPEIYQETSQLEEYSPEIYQETPGPEDLSTETYKNKDVPE
CFPEPHQETGGPQGQDPKAHQEDAKDAYTFPQEMKEKPKKEPGIPAILNESHpendvysyvlf

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_932095</u>
RefSeq Size:	2306
RefSeq ORF:	254
Synonyms:	CT155; EDAG; EDAG-1; NDR



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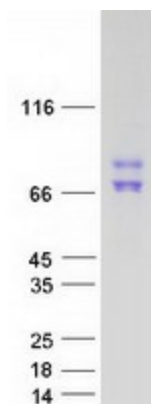
Locus ID: 55363

UniProt ID: [Q9BXL5](#), [A0A024R162](#)

Cytogenetics: 9q22.33

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]).