

Product datasheet for PH318300

HPR (NM_020995) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HPR MS Standard C13 and N15-labeled recombinant protein (NP_066275)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218300
Predicted MW:	38.8 kDa
Protein Sequence:	>RC218300 representing NM_020995 Red=Cloning site Green=Tags(s) MSDLGAVISLLLLWGRQLFALYSGNDVTDISDDRFKPKPEIANGYVEHLFRYQCKNYRRLRTEGDGVYTLN DKKQWINKAVGDKLPECEAVCGKPKNPANPVQRILGGHLDAKGSFPWQAKMVSHHNLTTGATLINEQWLL TTAKNLFNLHSENAKDIAPTLTYVGKKQLVEIEKVVLHPNYHQVDIGLIKLKQKVLVNERVMPICLP SKNYAEVGRVGYVSGWGQSDNFKLTDLKYMPLPVADQYDCITHYEGSTCPKWKAPKSPVGVQPIILNEHT FCVGMSKYQEDTCYGDAGSAFAVHDL EEDT WYAAGILSFDKSCAVAEYGVYVKVTSIQHWVQKTI AEN TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_066275
RefSeq Size:	1245
RefSeq ORF:	1044
Synonyms:	A-259H10.2; HP
Locus ID:	3250



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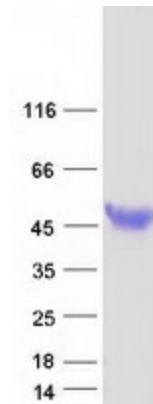
UniProt ID: [P00739](#)

Cytogenetics: 16q22.2

Summary: This gene encodes a haptoglobin-related protein that binds hemoglobin as efficiently as haptoglobin. Unlike haptoglobin, plasma concentration of this protein is unaffected in patients with sickle cell anemia and extensive intravascular hemolysis, suggesting a difference in binding between haptoglobin-hemoglobin and haptoglobin-related protein-hemoglobin complexes to CD163, the hemoglobin scavenger receptor. This protein may also be a clinically important predictor of recurrence of breast cancer. [provided by RefSeq, Oct 2011]

Protein Families: Druggable Genome, Protease, Secreted Protein

Product images:



Coomassie blue staining of purified HPR protein (Cat# [TP318300]). The protein was produced from HEK293T cells transfected with HPR cDNA clone (Cat# [RC218300]) using MegaTran 2.0 (Cat# [TT210002]).