

Product datasheet for TP318300

HPR (NM_020995) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human haptoglobin-related protein (HPR), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC218300 representing NM_020995
Red=Cloning site **Green**=Tags(s)

MSDLGAVISLLLWGRQLFALYSGNDVTDISDDRFKPKPEIANGYVEHLFRYQCKNYYRLRTEGDGVYTLN
DKKQWINKAVGDKLPECEAVCGKPKNPANPVQRILGGHLDKGSFPWQAKMVSHHNLTTGATLINEQWLL
TTAKNLFLNHSENATAKDIAPTLTLVVGKKQLVEIEKWLHPNYHQVDIGLIKQKVLVNERVMPICLP
SKNYAEVGRVGYVSGWGQSDNFKLTDHLKYVMLPVADQYDCITHYEGSTCPKWKAPKSPVGVQPILNEHT
FCVGMISKYQEDTCYGDAGSAFAVHDL EEDTWYAAGILSFDKSCAFAEYGVYVKVTSIQHWVQKTI AEN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 38.8 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_066275](#)
Locus ID: 3250



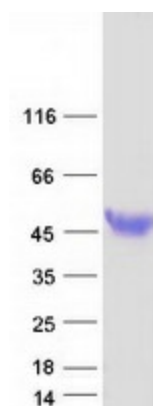
[View online »](#)

UniProt ID: [P00739](#)
RefSeq Size: 1245
Cytogenetics: 16q22.2
RefSeq ORF: 1044
Synonyms: A-259H10.2; HP

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]).