

Recombinant Human HPR Protein, His tagged

Cat. No. HPR-484H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HPR Protein with His tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	20-348 aa
Description	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.
Form	Sterile PBS, pH7.4, 0.1% SKL
Molecular Mass	38 kDa
AASequence	MHHHHHHHHHHLYSGNDVTDISDDRFPKPPEIANGYVEHLFRYQCKNYYRLRTEGD GVYTLNDKKQWINKAVGDKLPECEAVCGKPKNPANPVQRILGGHLDAGSFPWQA KMSHHNLTTGATLINEQWLLTTAKNLFNHSENATAKDIAPTLTLYVGKKQLVEIEK VVLHPNYHQVDIGLIKQKQVLVNERVMPICLPSKNYAEVGRVGYVSGWGQSDNFK LTDHLKYVMLPVADQYDCITHYEGSTCPKWKAPKSPVGVQPILNEHTFCVGMISKYQ EDTCYGDAGSAFAVHDLEEDTWYAAGILSFDKSCAVAEYGVYVKVTSIQHWWVQKTIA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	EN
Endotoxin	<1 EU/μg by LAL
Purity	>90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/mL by BCA

GENE INFORMATION

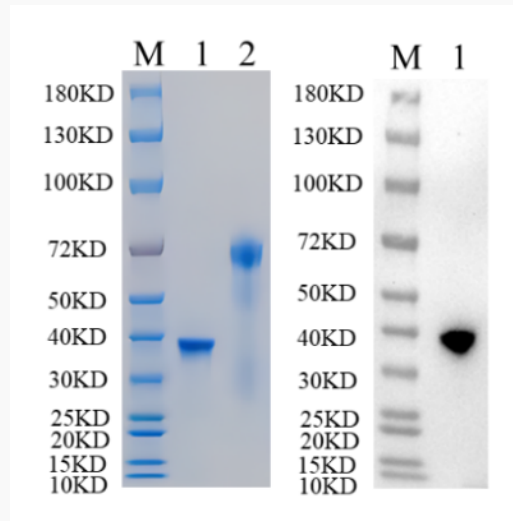
Gene Name	HPR haptoglobin-related protein [Homo sapiens (human)]
Official Symbol	HPR haptoglobin-related protein [Homo sapiens (human)]
Synonyms	HPR; haptoglobin-related protein; HP; A-259H10.2; haptoglobin-related protein; Haptoglobin-related locus
Gene ID	3250
mRNA Refseq	NM_020995
Protein Refseq	NP_066275
MIM	140210
UniProt ID	P00739

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified HPR. 1. HPR: 1 μ g 2. BSA: 1 μ g

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA