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Product datasheet for AR51401PU-S

HPR (20-348, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HPR (20-348, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSLYSGNDV TDISDDRFPK PPEIANGYVE HLFRYQCKNY YRLRTEGDGV YTLNDKKQWI NKAVGDKLPE CEAVCGKPKN PANPVQRILG GHLDAKGSFP WQAKMVSHHN LTTGATLINE QWLLTTAKNL FLNHSENATA KDIAPTLTLY VGKKQLVEIE KVVLHPNYHQ VDIGLIKLKQ KVLVNERVMP ICLPSKNYAE VGRVGYVSGW GQSDNFKLTD HLKYVMLPVA DQYDCITHYE GSTCPKWKAP KSPVGVQPIL NEHTFCVGMS KYQEDTCYGD AGSAFAVHDL EEDTWYAAGI LSFDKSCAVA EYGVYVKVTS IQHWVQKTIA EN
Tag:	His-tag
Predicted MW:	39.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol 1 mM DTT, 0.15M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HPR protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_066275
Locus ID:	3250
UniProt ID:	P00739
Cytogenetics:	16q22.2
Synonyms:	A-259H10.2; HP

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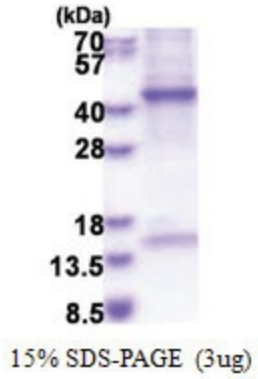
Summary: This gene encodes a haptoglobin-related protein that binds hemoglobin as efficiently as haptoglobin. Unlike haptoglobin, plasma concentration of this protein is unaffected in patients with sickle cell anemia and extensive intravascular hemolysis, suggesting a difference in binding between haptoglobin-hemoglobin 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:



15% SDS-PAGE (3ug)