

Haptoglobin (Hp) Recombinant Protein | Hp\r recombinant protein

Recombinant Rat Haptoglobin (Hp)

CATALOG # AAA115277	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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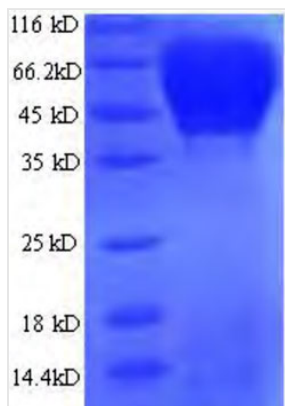
PRODUCT SYNONYMS

Haptoglobin (Hp); Recombinant Rat Haptoglobin (Hp); Hp\r recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	19-347, full length protein
Sequence	VELGNDATDI EDDSCPKPPE IANGYVEHLV RYRCRQFYKL QTEGDGIYTL NSEKQWVNPA AGDKLPKCEA VCGKPKHPVD QVQRIIGGSM DAKGSFPWQA KMISRHGLTT GATLISDQWL LTQAQNLFLN HSENATAKDI APTLTLYVGK NQLVEIEKVV LHPERSVVDI GLIKLKQKVL VTEKVMPICL PSKDYVAPGR MGYVSGWGRN VNFRFTERLK YVMLPVADQE KCELHYEKST VPEKKGAVSP VGVQPILNKH TFCAGLTKYE EDTCYGDAGS AFAVHDTEED TWYAAGILSF DKSCAVAEGY VYVRATDLKD WVQETMAKN
Sequence Length	329
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Hplr recombinant protein	This gene encodes a preproprotein, which is processed to yield both alpha and beta chains, which subsequently combine as a tetramer to produce haptoglobin. Haptoglobin functions to bind free plasma hemoglobin, which allows degradative enzymes to gain access to the hemoglobin, while at the same time preventing loss of iron through the kidneys and protecting the kidneys from damage by hemoglobin. Mutations in this gene and or its regulatory regions cause ahaptoglobinemia or hypohaptoglobinemia. This gene has also been linked to diabetic nephropathy, the incidence of coronary artery disease in type 1 diabetes, Crohn s disease, inflammatory disease behavior, primary sclerosing cholangitis, susceptibility to idiopathic Parkinson s disease, and a reduced incidence of Plasmodium falciparum malaria. A similar duplicated gene is located next to this gene on chromosome 16. Multiple transcript variants encoding different isoforms have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	60097941
NCBI GeneID	24464
NCBI Accession #	NP_036714.2
NCBI GenBank Nucleotide #	NM_012582.2
UniProt Accession #	P06866; Q5EBB4; Q7TP23
Molecular Weight	42,475 Da
NCBI Official Full Name	haptoglobin
NCBI Official Synonym Full Names	haptoglobin
NCBI Official Symbol	Hp
NCBI Official Synonym Symbols	Ba1-647
NCBI Protein Information	haptoglobin
UniProt Protein Name	Haptoglobin
UniProt Gene Name	Hp

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hp-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115277>