
Product Data Sheet

Product Name: HPR Human
 Cat. No.: GP23675
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Haptoglobin-Related Protein; A-259H10.2; Haptoglobin-RelatedLocus; HP.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSLYSGNDV TDISDDRFK PPEIANGYVE HLFYRQCKNY YRLRTEGDGVYTLNDKKQWI NKA VGDKLPE CEAVCGKPKN PANPVQRILG GHLDAGKSGP WQAKMVSHHN LTTGATLINEQWLLTTAKNL FLNHSENATA KDIAPTLTLY VGKKQLVEIE KVLHPNYHQ VDIGLIKLKQ KVLVNERVMPICLPSKNYAE VGRVGYVSGW GQSDNFKLTD HLKYVMLPVA DQYDCITHYE GSTCPKWKAP KSPVGVQPILNEHTFCVGM S KYQEDTCYGD AGSAFAVHDL EEDTWYAAGI LSFDKSCAVA EYGVYVKVTS IQHWVQKTIA EN		
Formulation	HPR protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.5), 20% glycerol 1mM DTT and 0.15M NaCl.		

Introduction

Haptoglobin-Related Protein also known as HPR, is a primate-specific plasma protein related with apolipoprotein L-I (apoL-I)-containing high-density lipoprotein (HDL) particles which shown to be a part of the innate immune defense. HPR-bound hemoglobin might contribute to the biologic activity of the circulating apoL-I/Hpr-containing HDL particles. HPR is a clinically significant forecaster of recurrence of breast cancer.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Background

HPR Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 352 amino acids (20-348 a.a) and having a molecular mass of

Caution: Product has not been fully validated for medical applications. For research use only.

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39.3kDa.HPR is fused to a 23 amino acid His-tag at N-terminus& purified by proprietary chromatographic techniques.

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