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Datasheet for ABIN5855138

**Hemopexin Protein (HPX) (AA 24-462) (His tag)**

## Overview

Quantity:	50 µg
Target:	Hemopexin (HPX)
Protein Characteristics:	AA 24-462
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Hemopexin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	ADPTPLPPTS AHGNVAEGET KPDPDVERTC SDGWSFDATT LDDNGTMLFF KGEFVWKSHK WDRELISERW KNFPSPVDAA FRQGHNSVFL IKGDKVWVYP PEKKEKGYPK LLQDEFPGIP SPLDAAVECH RGECQAEGVL FFQGDREWFV DLATGTMKER SWPAVGNCSA ALRWLGRIYC FQGNQFLRFD PVRGEVPPRY PRDVRDYFMP CPGRGHGHRN GTGHGNSTHH GPEYMRCSPH LVLSALTSDN HGATYAFSGT HYWRLDTSRD GWHSWPIAHQ WPQGSAVDA AFSWEEKLYL VQGTQVYVFL TKGGYTLVSG YPKRLEKEVG TPHGIILDSV DAAFCPGSS RLHIMAGRRL WWLDLKSGAQ ATWTELPWPH EKVDGALCME KSLGPNSCSA NGPGLYLIHG PNLVYCYSDVE KLNAAKALPQ PQNVTSLGCG THHHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1µg of protein (determined by LAL method)

## Target Details

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Target:	Hemopexin (HPX)
Alternative Name:	HPX ( <a href="#">HPX Products</a> )
Background:	HPX, also known as hemopexin, is a plasma glycoprotein that belongs to the family of the acute-phase proteins whose synthesis is induced after an inflammatory event. This protein associates with HDL and influence the inflammatory properties of HDL. In addition it can also be said that HDL from HX-null mice is pro-inflammatory. Also, this protein binds heme and transports it to the liver for breakdown and iron recovery, after which the free hemopexin returns to the circulation and is expressed in the central nervous system, in the retina, and in peripheral nerves has also been observed. Recombinant human HPX, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	50.4kDa (448aa) 50-70kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	<a href="#">NP_000604</a>
UniProt:	<a href="#">P02790</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.