Hephaestin Recombinant Protein | HEPH recombinant protein

Recombinant Hephaestin (HEPH)

CATALOG #	HOST	APPLICATIONS
AAA143981	**E.coli**	**Western Blot, SDS-Page**

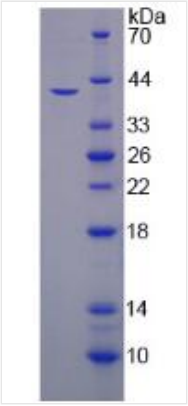
PRODUCT SYNONYMS

Hephaestin; Recombinant Hephaestin (HEPH); HEPH recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	ATRVYYLGIR DVQWNYAPKG RNVITNQPLD SDIVASSFLK SDKNRIGGTY KKTIYKEYKD DSYTDEVAQP AWLGFLGPVL QAEVGDVILI HLKNFATRPY TIHPHGVFYE KDSEGSLYPD GSSGPLKADD SVPPGGSHIY NWTIPEGHAP TDADPACLTW IYHSHVDAPR DIATGLIGPL ITCKRGALDG NSPPQRQDVD HDFFLLFSVV DENLSWHLNE NIATYCSDPA SVDKEDETFQ ESNRMHAING FVFGNLPELN MCAQKRVAWH LFGMGNEIDV HTAFFHGQML TTRGHHTDVA NIFPATFVTA EMVPWEPGTW LISCQVNSHF RDGMQALYKV KSC
Applicable Applications for HEPH recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala24~Cys366
Tags	N-terminal His Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	5.4
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	12830539
NCBI GeneID	9843
Molecular Weight	Predicted Molecular Mass: 42.1kDa Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	hephaestin
NCBI Official Synonym Full Names	hephaestin
NCBI Official Symbol	HEPH
NCBI Official Synonym Symbols	CPL
NCBI Protein Information	hephaestin
UniProt Protein Name	Hephaestin
UniProt Gene Name	**HEPH**
UniProt Synonym Gene Names	KIAA0698
UniProt Entry Name	HEPH_HUMAN

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://stage.aaabiotech.com/heph-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/143981