



Recombinant Human HBS1-like protein (HBS1L)

Product Code	CSB-EP896718HU-B
Abbreviation	HBS1L
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9Y450
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MARHRNVRGY NYDEDFEDDD LYGQSVEDDY CISPSTAAQF IYSRRDKPSV EPVEEYDYED LKESNSVSN HQLSGFDQAR LYSCLDHMRE VLGDVAVPDEI LIEAVLKNKF DVQKALSGVL EQDRVQSLKD KNEATVSTGK IAKGKPVDSQ TSRSESEIVP KVAKMTVSGK KQTMGFEVPG VSSEENGHSF HTPQKGPPIE DAIASSDVLE TASKSANPPH TIQASEEQSS TPAPVKKSGK LRQQIDVKA LEKRQGGKQL LNLVVIGHVD AGKSTLMGHM LYLLGNINKR TMHKYEQESK KAGKASFAYA WVLDETGEER ERGVTMDVGM TKFETTTKVI TLMDAPGHKD FIPNMITGAA QADVAVLVVD ASRGEFEAGF ETGGQTREHG LLVRS LGVTQ LAVAVNKMDQ VNWQQERFQE ITGKLGHFLK QAGFKESDVG FIPTSGLSGE NLITRSQSSE LTKWYKGLCL LEQIDSFKPP QRSIDKPFRL CVSDVFKDQG SGFCITGKIE AGYIQTGDRL LAMPPNETCT VKGITLHDEP VDWAAAGDHV SLTLVGMDII KINVCIFCG PKVPIACTR FRARILIFNI EIPITKGFV LLHYQTVSEP AVIKRLISVL NKSTGEVTKK KPKFLTKGQN ALVELQTQRP IALELYKDFK ELGRFMLRYG GSTIAAGVVT EIKE
Source	E.coli
Target Names	HBS1L
Protein Names	Recommended name: HBS1-like protein Alternative name(s): ERFS
Expression Region	1-684
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a member of the GTP-binding elongation factor family. It is expressed in multiple tissues with the highest expression in heart and skeletal muscle. The intergenic region of this gene and the MYB gene has been identified to be a quantitative trait locus (QTL) controlling fetal hemoglobin level, and this region influences erythrocyte, platelet, and monocyte counts as well as erythrocyte volume and hemoglobin content. DNA polymorphisms at this region associate with fetal hemoglobin levels and pain crises in sickle cell disease. A



single nucleotide polymorphism in exon 1 of this gene is significantly associated with severity in beta-thalassemia/Hemoglobin E. Multiple alternatively spliced transcript variants encoding different protein isoforms have been found for this gene.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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