



# Recombinant Mouse HBS1-like protein (Hbs1l)

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| <b>Product Code</b>      | CSB-EP721323MO-B  |
| <b>Abbreviation</b>      | Hbs1l   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |
| <b>Uniprot No.</b>       | Q69ZS7  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MARHRNVRGY NYDEDFEDDD LYGQSVEDDY CISPSTAAQF IYSRRDNPEE<br>EYGYEDLRES SNSLLNHQLS EIDQARLYSC LDHMREVLGD AVPDDILTEA<br>ILKHKFDVQK ALSVVLEQDG VQPWKEKSER AVCAGQPSKG KSVISRSSQS<br>ESEIVPKVAK MTVSGKKQTM GFEVPGLTSE ENGLSVRAPH KGPPGDDVSV<br>ASPNIPETGT PKSALPPPSL QTSEELGSTP TPVRKSGKLR QQIDVKAELE<br>KRQGGKQLLN LVVIGHVDAG KSTLMGHMLY LLGNVNRKRTM HKYEQESKKA<br>GKASFAYAWV LDETGEERER GVTMDVGMTK FETTTKVITL MDAPGHKDFI<br>PNMITGAAQA DVAVLVVDAS RGEFEAGFET GGQTREHGLL VRSLGVTQLA<br>VAVNKMDQVN WQQERFQEIT GKLGHFLKQA GFKESDVAFI PTSGLSGENL<br>TARSQSSDLT TWYKGMCLLE QIDSFKPPQR SIDKPFRLCV SDVFKDQGS<br>FCVTGKIEAG YIQTGDRLLA MPPNETCTAK GITLHDEPVD WAAAGDHVNL<br>TLVGMDIKI NVGCIFCGPK EPIKACTRFR ARILVFNIEV PITKGFVLL<br>HYQTVSEPAV IKRLISVLNK STGEVTKKKP KLLTKGQNAL VELQTQRPVA<br>LELYKDFKEL GRFMLRYGGS TVAAGVVTEI KE |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | Hbs1l   |
| <b>Protein Names</b>     | Recommended name: HBS1-like protein   |
| <b>Expression Region</b> | 1-682   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | full length protein   |
| <b>Target Details</b>    | 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.

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**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.

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**Shelf Life**

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