

HBS1L mouse monoclonal antibody (hybridoma)

Catalog # H00010767-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant HBS1L.
Immunogen	HBS1L (NP_006611.1, 1 a.a. ~ 684 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MARHRNVRGYNDEDFEDDDLYGQSVEDDYCISPSTAAQFIYSRRDKPSVEPVVEEYDYEDLKES SNSVSNHQLSGFDQARLYSCLDHMREVLGDAVPDEILIEAVLKNKFDVQKALSGVLEQDRVQSL KDKNEATVSTGKIAKGKPVDSQTSRSESEIVPKVAKMTVSGKKQTMGFEVPGVSSEENGHSFHT PQKGPIEDIASSDVLETASKSANPPHTIQASEEQSSTPAPVKKSGKLRQQIDVKAELEKRQGG KQLLNLVVIGHVDAGKSTLMGHMLYLLGNINKRTMHKYEQESKKAGKASFAYAWVLDETGEERER GVTMDVGMTKFETTTKVITLMDAPGHKDFIPNMITGAAQADVAVLVVDASRGEFEAGFETGGQTR EHGLLVRS LGVTQLAVAVNKMDQVNWQQERFQEITGKLGHFLKQAGFKESDVGFIPTSGLSGEN LITRSQSSELTWKYKGLCLLEQIDSFKPPQRSIDKPFRLCVSDVFKDQGS GFCITGKIEAGYIQTGD RLLAMPNETCTVKGITLHDEPVDWAAAGDHVSLTLVGMDI IKINVCIFCGPKVPIKACTRFRARILI FNIEIPITKGFVLLHYQTVSEPAVIKRLISVLNKSTGEVTKKKPKFLT KGQNALVELQTQRPIALELYK DFKELGRFMLRYGGSTIAAGVVTEIKE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — HBS1L

Entrez GeneID [10767](#)

GeneBank Accession# [NM_006620.2](#)

Protein Accession# [NP_006611.1](#)

Gene Name HBS1L

Gene Alias DKFZp686L13262, EF-1a, ERFS, HBS1, HSPC276

Gene Description HBS1-like (S. cerevisiae)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations HBS1-like|OTTHUMP00000017252

Disease

- [alpha-Thalassemia](#)
- [Anemia](#)
- [beta-Thalassemia](#)
- [Hypertension](#)
- [Pain](#)

- [Thalassemia](#)