

Recombinant Mouse Hba-a1 overexpression lysate

Cat. No. Hba-a1-16HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Transient overexpression lysate of Mouse hemoglobin alpha, adult chain 1 (Hba-a1) with a C-Myc/DDK tag was expressed in HEK293T.

Preparation: HEK293T cells in 10-cm dishes were transiently transfected. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix, 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit. Cell lysates were aliquoted and stored at -20 centigrade before shipping.

Components:

1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer

1 vial of 100 µg empty vector transfected control cell lysate in RIPA buffer

1 vial of 250 µL 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromphenol blue, 100mM DTT)

Species

Mouse

Source

HEK293

Description

Biased expression in spleen adult (RPKM 54307.5), heart adult (RPKM 17770.4) and 4 other tissues

Molecular Mass

15.6 kDa

Stability

Avoid repeated freeze-thaw cycles. Lysate samples are stable for 12 months from

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	date of receipt when stored at -20 centigrade.
Storage	Upon receiving, store the sample at -20 centigrade.
Reconstitution	Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20 centigrade for long term storage.
Shipping	The lysate is shipped with dry ice.

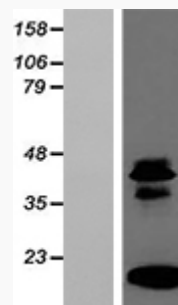
GENE INFORMATION

Gene Name	Hba-a1 hemoglobin alpha, adult chain 1 [Mus musculus (house mouse)]
Official Symbol	Hba-a1
Synonyms	Hba-a1; hemoglobin alpha, adult chain 1; Hba; Hba1; Hbat1; hemoglobin subunit alpha; Names; alpha 1 globin; alpha globin 1; alpha-globin; haemaglobin alpha 1; hemoglobin alpha chain
Gene ID	15122
mRNA Refseq	NM_008218
Protein Refseq	NP_032244
UniProt ID	Q91VB8

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