

Recombinant Mouse Hba-a1 overexpression lysate

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

SPECIFICATION

Product Overview	<p>Transient overexpression lysate of Mouse hemoglobin alpha, adult chain 1 (Hba-a1) with a C-Myc/DDK tag was expressed in HEK293T.</p> <p>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.</p> <p>Components:</p> <ul style="list-style-type: none"> 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

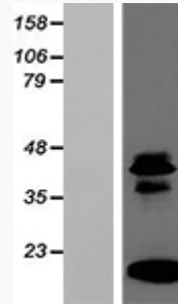
UniProt ID [Q91VB8](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA