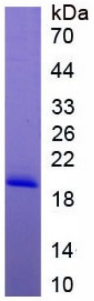
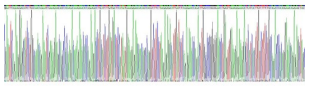
Mouse Organic Solute Transporter Subunit Beta (SLC51B) Protein

Catalogue No.:abx655932



SDS-PAGE analysis of recombinant Mouse OSTB/SLC51B Protein.



Gene sequencing extract of recombinant Mouse OSTB/SLC51B Protein.

Mouse Organic Solute Transporter Subunit Beta (SLC51B) ELISA Kit is an ELISA Kit for the in vitro quantitative measurement of Mouse Organic Solute Transporter Subunit Beta (SLC51B) concentrations in tissue homogenates, cell lysates and other biological fluids.

Target:	Organic Solute Transporter Subunit Beta (SLC51B)
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested
Purity:	> 90%

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH_2O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q80WK2 (UniProt, ExPASy)
Gene Symbol:	SLC51B
GeneID:	330962
KEGG:	mmu:330962
Ensembl:	ENSMUSG00000053862
String:	9606.ENSP00000335292
Molecular Weight:	Calculated MW: 12.4 kDa Observed MW (SDS-PAGE): 19 kDa Possible reasons why the actual band size differs from the predicted band size: 1. Splice variants. Alternative splicing may create different sized proteins from the same gene. 2. Relative charge. The composition of amino acids may affect the charge of the protein. 3. Post-translational modification. Phosphorylation, glycoslyation, methylation etc. may affect the band size. 4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form. 5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Arg54-Ser128
Sequence:	RRSILAN RNRKKQPQDK ETPEDLHLDD SIMKENNSQV FLRETLISEK PDLAPGEPEL KEKDSSLVFL PDPQETES
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration:	Prior to lyophilization: 200 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com