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YBC625Mu01 100µg

Recombinant Mercaptopyruvate Sulfurtransferase (MPST)

Organism Species: Mus musculus (Mouse)

Instruction manual

**FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES**

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Met1~Gln297

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: Q99J99

Host: *E. coli*

**Subcellular Location: Cell junction, Cytoplasm,
Mitochondrion, Synapse, Synaptosome.**

Purity: >95%

**Endotoxin Level: <1.0EU per 1µg (determined by the LAL
method).**

**Formulation: Supplied as lyophilized form in PBS,
pH7.4, containing 5% trehalose, 0.01% sarcosyl.**

Predicted isoelectric point: 6.1

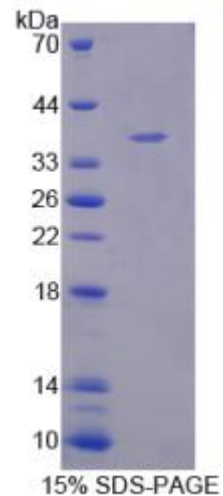
Predicted Molecular Mass: 36.7kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.





[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

**MAAPQLFRAL VSAQWVAEAL KAPRSSQPLK LLDASWYLPK LGRDARREFE ERHIPGAAFF
DIDRCSHDTS PYDHMLPNAT HFADYAGSLG VSAATHVVIY DGSDQGPYSA PRVWWMFRAF
GHHSVSLLDG GFRHWLNQNL PISSGKSHSE PAEFSACLDP SFIKTHEDIL ENLDARRFQV
VDARAAGRFRQ GTQPEPRDGI EPGHIPGSVN IPFTEFLTNE GLEKSPEEIK RLFKEKKVDL
SKPLVATCGS GVTACHVVLG AFLCGKSDVP VYDGSWVEWY MRAQPEHIIS EGRGKTQ**