

ICE673Hu01 50µg

Recombinant Hydroxymethylbilane Synthase (HMBS)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Residues: Leu85~Ser337 (Accession # P08397),

with two N-terminal Tags, His-tag and T7-tag. Host: E. coli

Subcellular Location: Cytoplasm.

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: 6.5

Predicted Molecular Mass: 31.6kDa

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]

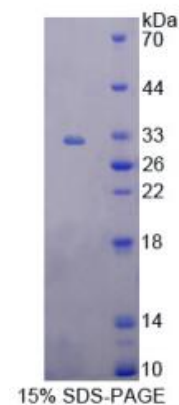
Storage: Avoid repeated freeze/thaw cycles.

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 targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37oC for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

[SEQUENCE]





The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below.
MGSSHHHHHH SSSLVPRGSH MASMTGGQQM GRGSEF- LEKNEV DLVVHSLKDL
PTVLPPGFTI GAICKRENPH DAVVFHPKFV GKTLETLP EK SVVGTSSLRR AAQLQRKFPH
LEFRSIRGNL NTRLRKLDEQ QEFSAIILAT AGLQRMGWHN RVGQILHPEE CMYAVGQGAL
GVEVRAKDQD ILDLVGVLDH PETLLRCIAE RAFLRHLEGG CSVPAVAVHTA MKDGGQLYLTG
GVWSLDGSDS IQETMQATIH VPAQHEDGPE DDPQLVGITA RNIPRGPQLA AQNLGIS