Recombinant Mouse Dpysl3 protein, His & T7-tagged

Cat. No. Dpysl3-1741M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dpysl3 aa. (Met1~Thr218 (Accession # Q62188)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Thr218
Description	This gene encodes a protein that belongs to the TUC (TOAD-64/Ulip/CRMP) family of proteins. Members of this family are phosphoproteins that function in axonal guidance and neuronal differentiation during development and regeneration of the nervous system. A mutation in the human gene is associated with amyotrophic lateral sclerosis. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.1kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.

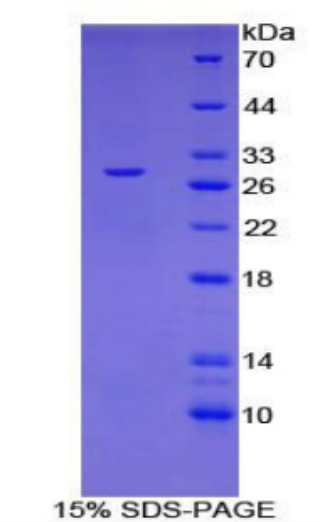
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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Dpysl3 dihydropyrimidinase-like 3 [Mus musculus (house mouse)]
Official Symbol	Dpysl3
Synonyms	Car6; carbonic anhydrase 6; CA6; carbonic anhydrase VI; gustin
Gene ID	22240
mRNA Refseq	NM_009468.5
Protein Refseq	NP_033494.1
UniProt ID	Q62188

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SDS-PAGE

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