

Recombinant Mouse Dlat protein, His-tagged

Cat. No. Dlat-4608M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dlat protein(Q8BMF4)(86-642aa), fused to N-terminal His tag, was expressed in E. coli
Species	Mouse
Source	E.coli
ProteinLength	86-642aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	62.8 kDa
AA Sequence	SLPPHQKVPLPSLSPTMQAGTIARWEKKEGEKISEGDLIAEVETDKATVGFESLEEC YMAKILVPEGTRDVPVGSIIICITVEKPQDIEAFKNYTLDLAAAAAPQAAPAAAPAPAAA PAAPSASAPGSSYPHTMQIVLPALSPTMTMGTVQRWEKKVGEKLSEGDLLAEIETD KATIGFEVQEEGYLAKILVPEGTRDVPLGAPLCIIVEKQEDIAAFADYRPTVETSLKPQ AAPPAPPPVAAVPPTPQPVAPTPSAAPAGPKGRVFSPLAKKLAAEKIDLTQVKGT GPEGRIKKDIDSFVPSKAAPAAAAAAMAPPGPRVAPAPAGVFTDIPISNIRRVIAQRLM QSKQTIPHYYSVDVNMGEVLLVRKELNKMLEGKGKISVNDFIKASALACLKVPKAN SSWMDTVIRQNHVVDVSVAVSTPAGLITPIVFNAHIKGLTIASDVVSLASKAREGKL QPHEFQGGTFTISNLGMFGIKNFSAINPPQACILAIGASEDKLIPADNEKGFVDVASM

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	SVTLSCDHRVVDGAVGAQWLAEFKKYLEKPITMLL
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	Dlat dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex) [Mus musculus]
Official Symbol	Dlat
Synonyms	DLAT; dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex); dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial; PDCE2; pyruvate dehydrogenase complex component E2; dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex; DLTA; PDC-E2; 6332404G05Rik;
Gene ID	235339
mRNA Refseq	NM_145614
Protein Refseq	NP_663589