

Recombinant Mouse Thnsl2 Protein, Myc/DDK-tagged

Cat. No. Thnsl2-6413M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length threonine synthase-like 2 (bacterial) (Thnsl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a catabolic phospho-lyase on both gamma- and beta-phosphorylated substrates. Degrades O-phospho-threonine (PThr) to alpha-ketobutyrate, ammonia and phosphate. Also degrades O-phospho-homoserine (PHS), but this is not its physiological substrate.
Molecular Mass	54.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Thnsl2 threonine synthase-like 2 (bacterial) [Mus musculus (house mouse)]
Official Symbol	Thnsl2
Synonyms	THNSL2; threonine synthase-like 2 (bacterial); threonine synthase-like 2; mTSH2; TSH2; BC051244; MGC59076
Gene ID	232078
mRNA Refseq	NM_178413
Protein Refseq	NP_848500
UniProt ID	Q80W22

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