

Product datasheet for TP507732

Thnsl2 (NM_178413) Mouse Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse threonine synthase-like 2 (bacterial) (Thnsl2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR207732 protein sequence Red=Cloning site Green=Tags(s) |

MWYTSTRGMAPRVNFEGALFSGYAPDGGLYMPEELPRLDEETLRHWSTLSYRSLVKELCALFIGLELIPR
HDLNDLIDRAFSRFRHRNVVHLCCLKNGLNILELWHGVTYAFKDLSSLCTAQFLQYFLEKKKKHVTIVVG
TSGDTGSAAIESVQGSKNVDIIVLLPKGHCSKIQELQMTTVLKENVHVFEVEGNSDELDEPIKAVFADVA
FVQRHNVMSLNSINWSRVLVQMAHFFAYFQCTPSLDTHPLPTVEVWVPTGAGGNLAAGCIAQKMGLPIC
LVVAVNRNDIIHRTVQKGFSLCEVLRITLASAMDIQVPYMERIFWLLSGSDSQTTRALMEQFERTQSL
QLPKDLHNLKLEAVTSESVTDEAITQTMARCWEENQYLLCPHSATAVNYHYQQTDSGPSSIRCCLASASA
VKFPKAVQAAGLTPETPAEILALEHKETRCIPMRRGDDWTQMLRVTIEGLSQRWKDCVNPSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 54.2 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_848500</u> |
| Locus ID: | 232078 |



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UniProt ID: [Q80W22](#)

RefSeq Size: 2086

Cytogenetics: 6 C1

RefSeq ORF: 1452

Synonyms: BC051244; TSH2

Summary: 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.
[UniProtKB/Swiss-Prot Function]