

Product datasheet for **TP522718**

Ltbp4 (NM_175641) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse latent transforming growth factor beta binding protein 4 (Ltbp4), 20µg |
| Species: | Mouse |
| Expression Host: | HEK293T |



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Expression cDNA >MR222718 representing NM_175641
Clone or AA **Red**=Cloning site **Green**=Tags(s)
Sequence:

MRRPGLGGPCPLLLLLLPAATSASGSSPSPSPSIEKAVVPSHQAGVAACHCCLDQTPKSSRCTRASCR
VRNCPKACTGLEGLTPTPSVSPSPSRSPVEKSQVSLNWQPLTLQEARALLRQRRPRGPWARALLKRRPP
HRAPAGQARVLCPLICHNGGVCVKPDRCLCPPDFAGKFCQLHSSGARPPAPAMPGLTRSVYTMPLANHRD
DEHGASMVSVHVEHPQEASVVHQVERVSGPWEEANPEALARAEEAAARAEAAAPYTVLAQSAPREDGYS
DASGFGYCFRELRGSECASPLPGLRTQEVCCRGEGLAWGVHDCHPCAHLRNSNQVSGPNGPCPPGFERV
NGSCVDVDECATGGRCQHGEACANTRGGYTCVCPDGFLLDSSRSSCISQHVISEAKGPCYRVLHDGGCSLP
ILRNITKQICCCSRVKGAWGRGCQLCPYPYSEGFEICPAGPGYHYSASDLRYNTRPLNQDPPRVTFNQ
RVPPATPRPPTGFLPTRRPEPRPDGPGQPEPRRPEPRRPEPRRPEPRRPEPRRPEPRRPEPRRPEPRR
PESQPWPEFPLPSIPAWTGPEIPESGPSSMCQRNPQVCGPGRCVPRPSGYTCACDPGFRLGPQGTRCID
IDECRRVPTPCAPGRCENTPGSFRCVCGTGFQAGPRATECLDVDECRRVPPPCDRGRCENTPGSFRCVCP
AGYQAAPHGASCQDVDECTQSPGLCGRGVCENLPGSFRCVCPAGFRGSACEEDVDECAQPPPCGPGRCD
NTAGSFHCACPAGFRSRGPGAPCQDVDECSRSPSPCAYGRCENTEGSFKVCPTGFQNAAGSECEDVDE
CENRLACPGQECVNSPGSFQCRACPVGHHLHRGRCTDVEDCSSGTPCGLHGQCTNTKGSFHCSCSTGYRA
PSGQPGPCADINECLEGDFCFPHGECLNTDGSFTCTCAPGYRPGPRGASCLDVDECSEEDLCQSGICTNT
DGSFECICPPGHRAGPDLASCLDIDECRERGPALCGSQRCEVNSPGSYRCVRDCDPGYHPGPEGTCDIDE
CREYGAICGAQRCEVNSPGSYRCPACDPGYQPTPGGGCQDVDECNRNRSFCGAHAMCQNLPGSFQVCDQ
GYEGARDGRHCVDVNECETLQGVCGSALCENVEGSFLCVCNPSPEEFDPMTRGCVPRAPAGTFPGSQPQ
APASPSLPPRPPPPRRRSPRRQGPVSSGRRECYFDTAAPDACDNILARNVTWQECCTVGEWWSGC
RIQQCPGTETAQSLCPHGRGVLVPSGDLARRDQVDECQLFQDQVCKSGVCVNTAPGYSCYCSNGFYH
AHRLECVDNDECADEEPACEGGRCVNTVGSYHCTCEPPLVLDGSRRCVSNESQSLDDNLGVCWQEVGPD
LVCSRRLDRQATYTECCCLYGEAWGMDCALCPAQDSDDFEALCNVLRPPAYGPPRGGFGIPYEYGPDI
GPPYQSLPYGPDLYPPVLPYDPPYPPPPGPFARREAPYGAPPDFMPDFEDDGGPYGESETPDPPSRGTGW
PYRSRDRTRGSFPEPEESSERGSYTGALSEPYEGLAECEGILDGCPHGRCVVRPEGFTCDCFDGYRLDIT
RMSCVDVNECDEAEATSPLCVNARCNTDGSFRCICRPGFAPTHQPHHCAPARPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 178.6 kDa
Concentration: >0.05 µg/µL as determined by Bradford protein assay method.
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 50mM Tris.HCl, pH7.5, 100mM glycine, 10% glycerol.
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: [NP_783572.2](#)
Locus ID: 108075
UniProt ID: [Q8K4G1](#)

RefSeq Size: 5322

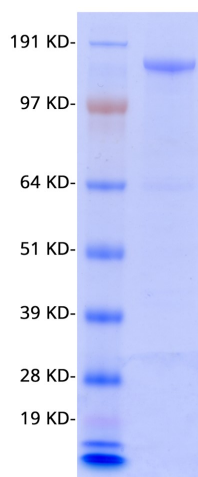
Cytogenetics: 7 A3

RefSeq ORF: 4998

Synonyms: 2310046A13Rik

Summary: Key regulator of transforming growth factor beta (TGFB1, TGFB2 and TGFB3) that controls TGF-beta activation by maintaining it in a latent state during storage in extracellular space. Associates specifically via disulfide bonds with the Latency-associated peptide (LAP), which is the regulatory chain of TGF-beta, and regulates integrin-dependent activation of TGF-beta.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified Ltbp4 protein (Cat #TP522718). The protein was produced from mammalian cells transfected with Ltbp4 cDNA clone (Cat #[MR222718]).