

Product datasheet for **TP510507**

Lipe (NM_001039507) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse lipase, hormone sensitive (Lipe), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR210507 protein sequence Red =Cloning site Green =Tags(s) |

MDLRTMTQSLVTLAEDNMAFFSSQGPGETARRLSNVFAGVREQALGLEPTLGQLLGVAHHFDLDTETPAN
GYRSLVHTARCCLAHLLHKSRYVASNRKSIFFRASHNLAELEAYLAALTQLRAMAYYAQRLLTINRPGVL
FFEGDEGLTADFLQEYVTLHKGCFYGRCLGFQFTPAIRPFLQTLSIGLVSFGEHYKRNETGLSVTASSLF
TGGRFAIDPELRGAEFERIIQNLDVHFVKAFWNITEIEVLSSLANMASTTVRVSRLSLPPEAFEMPLTS
DPRLTVTISPPLAHTGPAPVLARLISYDLREGQDSKVLNSLAKSEGPRLELRPRPHQAPRSRALVWHIIG
GGFVAQTSKSHPEYLKNWAQELGVPIFSIDYSLAPEAPFPRALEECFFAYCWAVKHCDDLGGSTGERICLA
GDSAGGNLCITVSLRAAAYGVRVPDGMMAAYPVTTLQSSASPSRLLSLMDPLPLSVLSKCVSAYSGETEA
EDHFDSDQKALGVMGLVQRDTSFLRDLRLGASSWLNSFLELSGRKPQKTTSPAESVRPTESMRRSVSE
AALAQPEGLLGTDTLKKLTIKDLSNSEPSDPEMSQSMETLGPSTPSDVNFFLRPGNSQEEAEAKDEVVP
MDGVPRVRAAFPEGFHPRRSSQGVLHMPLYTSPIVKNPFMSPLLAPDSMLKTLPPVHLVACALDPMDDDS
VMFARRLRDLGQPVTCLKVEDLPHGFSLAALCRETRQATEFCVQRIRLILTPPAAPLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 83.3 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. |



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| 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_001034596 |
| Locus ID: | 16890 |
| UniProt ID: | P54310 |
| RefSeq Size: | 2785 |
| Cytogenetics: | 7 13.78 cM |
| RefSeq ORF: | 2280 |
| Synonyms: | 4933403G17Rik; HSL |
| Summary: | In adipose tissue and heart, it primarily hydrolyzes stored triglycerides to free fatty acids, while in steroidogenic tissues, it principally converts cholesteryl esters to free cholesterol for steroid hormone production.[UniProtKB/Swiss-Prot Function] |