

Product datasheet for **TP500680**

Fabp1 (NM_017399) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse fatty acid binding protein 1, liver (Fabp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR200680 protein sequence Red =Cloning site Green =Tags(s) MNFSGKYQLQSQENFEPFMKAIGLPEDLIQKGKDIKGVSEIVHEGKKIKLTITYGPKVVRNEFTLGEECE LETMTGEKVKAVVKLEGDNKMVTTFKGIKSVTELNQDTITNTMTLGDIVYKRVSRI TR TRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-MYC/DDK |
| Predicted MW: | 14.2 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_059095</u> |
| Locus ID: | 14080 |
| UniProt ID: | <u>P12710</u> , <u>Q3V2F7</u> |
| RefSeq Size: | 492 |
| Cytogenetics: | 6 32.14 cM |
| RefSeq ORF: | 384 |


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Synonyms: Fabpl; L-FABP

Summary: Plays a role in lipoprotein-mediated cholesterol uptake in hepatocytes. Binds cholesterol. Binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm. May be involved in intracellular lipid transport.[UniProtKB/Swiss-Prot Function]