

Product datasheet for TP522404

Lancl1 (NM_001190985) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse LanC (bacterial lantibiotic synthetase component C)-like 1 (Lancl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR222404 representing NM_001190985
Red=Cloning site **Green**=Tags(s)

MAQRAFPNPYADYNKSLAENYFDSTGRLTPEFSHRLTNKIRELLQQMERGLKSADPRDGTGYTGWAGIAV
LYLHLHNVFQDPAYLQMAHSYVKQSLNCLSRRSITFLCGDAGPLAVAAVLYHKMNSEKQAEECITRLIHL
NKIDPHVPNEMLYGRIGYIFALLFVNKNFGEEKIPQSHIQICENILTSGENLSRKRNLAAKSPLMYEWY
QEYVVGAAHGLAGIYYLMQPSLQVNQGKLSLVKPSVDFVCRLKFPNGYPPCLDDTRDLLVHWCHGAP
GVIYMLIQAYKVFKEERYLCDAQQCADVIWQYGLLKKGYGLCHGAAGNAYAFALYNLTQDLKYLRYRACK
FAEWCLDYGEHGCRATDPFSLFEGMAGTIYFLADLLVPTKAKFPAPFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 45.3 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.

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_001177914](#)

Locus ID: 14768

UniProt ID: [Q89112](#)



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RefSeq Size: 4461

Cytogenetics: 1 C3

RefSeq ORF: 1197

Synonyms: AW124738; Gpr69; Gpr69a; p40

Summary: Functions as glutathione transferase (PubMed:25158856). Catalyzes conjugation of the glutathione (GSH) to artificial substrates 1-chloro-2,4-dinitrobenzene (CDNB) and p-nitrophenyl acetate (PubMed:25158856). Mitigates neuronal oxidative stress during normal postnatal development and in response to oxidative stresses probably through GSH antioxidant defense mechanism (PubMed:25158856). May play a role in EPS8 signaling. Binds glutathione (By similarity).[UniProtKB/Swiss-Prot Function]