

Product datasheet for TP523830

C5ar1 (NM_001173550) Mouse Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse complement component 5a receptor 1 (C5ar1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR223830 representing NM_001173550 Red =Cloning site Green =Tags(s) |
| | MDPIDNSSFEINYDHYGTMDPNIPADGIHLPKRQPGDVAALIIYSVFLVGVPGNALVWVWTAFEARRAV NAIWFLNLAVADLLSCLALPVLFTTVLNHNHYWYFDATAACIVLPSLILLNMYASILLLATISADRFLLVFK PIWCQKVRGTGLAWMACGVAWVLALLLTIPSFVYREAYKDFYSEHTVCGINYGGSFPKEKAVAILRLMV GFVLP LLTLNICYTFLLLR TWSRKATRSTKTLKVVMAVICFFIFWLPYQVTGVMIAWLPPSSPTLKRVE KLNSLCVSLAYINCCVNP IYVMAGQGFGHRLLRSLPSIIRNALSEDSVGRDSKFTPTSTDTSTRKSQA V |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-MYC/DDK |
| Predicted MW: | 39.5 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_001167021 |
| Locus ID: | 12273 |
| UniProt ID: | P30993 |



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RefSeq Size: 2540

Cytogenetics: 7 8.77 cM

RefSeq ORF: 1053

Synonyms: C5aR; C5r1; Cd88; D7Msu1

Summary: Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. The ligand interacts with at least two sites on the receptor: a high-affinity site on the extracellular N-terminus, and a second site in the transmembrane region which activates downstream signaling events. Receptor activation stimulates chemotaxis, granule enzyme release, intracellular calcium release and superoxide anion production.[UniProtKB/Swiss-Prot Function]