

Product datasheet for **TP323868M**

CFHR5 (NM_030787) Human Recombinant Protein

Product data:

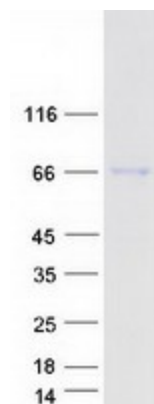
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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human complement factor H-related 5 (CFHR5), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC223868 representing NM_030787 Red =Cloning site Green =Tags(s) |
| | MLLLFSVILISWVSTVGGEGTLCDFPKIHGFLYDEEDYNPFSQVPTGEVFYYSCEYNFVSPSKSFWTRI TCTEEGWSPTPKCLRMCSFPFVKNGHSESSGLIHLEGDTVQIICNTGYSLQNNNEKNISCVERGWSTPPIC SFTKGECHVPILEANVDAQPKKESYKVGDLKFCRKNLIRVGSQVQCYQFGWSPNFPTCKGQVRSCGP PPQLSNGEVKEIRKKEYGHNEVVEYDCNPNFIINGPKKIQCVDGEWTTLPTCVEQVKTGYPPELEYGYV QPSVPPYQHGVSVVEVNCRNEYAMIGNMITCINGIWTELPMCVATHQLKRCKIAGVNIKTLLKLSGKEFN HNSRIRYRCSDFIRYRHSVCINGKWNPEVDCTEKREQFCPPPPQIPNAQNMTTTVNYQDGEKVAVLCKEN YLLPEAKEIVCKDGRWQSLPRCVSTAYCGPPPSINNGDTSFPLSVYPPGSTVTYRCQSFYKLQGSVTV TCRNKQWSEPPRCLDPCVSEENMNKNNIQLKWRNDGKLYAKTGDAVEFQCKFPHKAMISSPPFRAICQE GKFEYPICE TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 62.5 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 |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| 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. |



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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_110414 |
| Locus ID: | 81494 |
| UniProt ID: | Q9BXR6 |
| RefSeq Size: | 2823 |
| Cytogenetics: | 1q31.3 |
| RefSeq ORF: | 1707 |
| Synonyms: | CFHL5; CFHR5D; FHR-5; FHR5 |
| Summary: | This gene is a member of a small complement factor H (CFH) gene cluster on chromosome 1. Each member of this gene family contains multiple short consensus repeats (SCRs) typical of regulators of complement activation. The protein encoded by this gene has nine SCRs with the first two repeats having heparin binding properties, a region within repeats 5-7 having heparin binding and C reactive protein binding properties, and the C-terminal repeats being similar to a complement component 3 b (C3b) binding domain. This protein co-localizes with C3, binds C3b in a dose-dependent manner, and is recruited to tissues damaged by C-reactive protein. Allelic variations in this gene have been associated, but not causally linked, with two different forms of kidney disease: membranoproliferative glomerulonephritis type II (MPGNII) and hemolytic uraemic syndrome (HUS). [provided by RefSeq, Jan 2010] |
| Protein Families: | Secreted Protein, Transmembrane |

Product images:



Coomassie blue staining of purified CFHR5 protein (Cat# [TP323868]). The protein was produced from HEK293T cells transfected with CFHR5 cDNA clone (Cat# [RC223868]) using MegaTran 2.0 (Cat# [TT210002]).