

Product datasheet for TP720276L

CD14 (NM_000591) Human Recombinant Protein

Product data:

OriGene Technologies, Inc.

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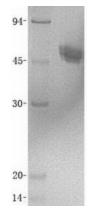
| Product Type: | Recombinant Proteins |
|--|--|
| Description: | Recombinant protein of human CD14 molecule (CD14), transcript variant 1 |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | Thr20-Cys352 |
| Tag: | C-His |
| Predicted MW: | 36.8 kDa |
| Concentration: | lot specific |
| Purity: | >95% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | Provided lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl |
| Endotoxin: | < 0.1 EU per μ g protein as determined by LAL test |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 6 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | <u>NP 000582</u> |
| Locus ID: | 929 |
| UniProt ID: | <u>P08571</u> |
| Cytogenetics: | 5q31.3 |
| Summary: | The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide, and to viruses. This gene has been identified as a target candidate in the treatment of SARS-CoV-2-infected patients to potentially lessen or inhibit a severe inflammatory response. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Aug 2020] |
| Protein Families: | Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transmembrane |



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Protein Pathways:Hematopoietic cell lineage, MAPK signaling pathway, Pathogenic Escherichia coli infection,
Regulation of actin cytoskeleton, Toll-like receptor signaling pathway

Product images:



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