

Product datasheet for **TP720352XL**

M-CSF (CSF1) (NM_000757) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human colony stimulating factor 1 (macrophage) (CSF1), transcript variant 1 |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | Glu33-Arg255 |
| Tag: | C-His |
| Predicted MW: | 26.2 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 µg protein as determined by LAL test |
| Reconstitution Method: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 6 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | NP_000748 |
| Locus ID: | 1435 |
| UniProt ID: | P09603 , A0A024R0A1 |
| Cytogenetics: | 1p13.3 |
| Synonyms: | CSF-1; MCSF |



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Summary:

The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of macrophages. The active form of the protein is found extracellularly as a disulfide-linked homodimer, and is thought to be produced by proteolytic cleavage of membrane-bound precursors. The encoded protein may be involved in development of the placenta. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011]

Protein Families:

Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane

Protein Pathways:

Cytokine-cytokine receptor interaction, Hematopoietic cell lineage

Product images: