

## Product datasheet for **TP723392**

### CD70 (NM\_001252) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Human CD70 molecule (CD70).   |
| Species:                              | Human   |
| Expression Host:                      | CHO   |
| Expression cDNA Clone or AA Sequence: | HHHHHHHPS PGGSGGQRFA QAQQQLPLES LGWDVAELQL NHTGPQQDPR LYWQGGPALG RSFLHGPELD KGQLRIHRDG IYMVHIQVTL AICSSTTASR HHPTTLAVGI CSPASRSISL LRLSFHQGCT IASQRLTPLA RGDTLCTNLT GTLLPSRNTD ETFFGVQWVR P |
| Tag:                                  | N-His   |
| Predicted MW:                         | 19 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >95% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2  |
| Bioactivity:                          | Determined by its ability to stimulate human IL-8 production by human PBMC using a concentration range of 10.0-25.0 ng/ml. Note: results may vary with PBMC donors.                         |
| Endotoxin:                            | Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)   |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for at least 6 months from date of receipt under proper storage and handling conditions.   |
| RefSeq:                               | <a href="#">NP_001243</a>   |
| Locus ID:                             | 970   |
| UniProt ID:                           | <a href="#">P32970</a> , <a href="#">A0A0U5JA32</a>   |
| RefSeq Size:                          | 913   |
| Cytogenetics:                         | 19p13.3   |
| RefSeq ORF:                           | 579   |
| Synonyms:                             | CD27-L; CD27L; CD27LG; LPFS3; TNFSF7; TNLG8A  |



[View online »](#)

|                          |   |
|--------------------------|---|
| <b>Summary:</b>          | The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis. [provided by RefSeq, Jul 2008] |
| <b>Protein Families:</b> | ES Cell Differentiation/IPS, Transmembrane  |
| <b>Protein Pathways:</b> | Cytokine-cytokine receptor interaction  |