

## Recombinant Human CD28 Protein, GST-Tagged

**Cat. No.** CD28-0774H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CD28 full-length ORF (AAH93698.1, 1 a.a. - 220 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011] |
| <b>Molecular Mass</b>   | 51.5 kDa                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MLRLLALNLFPSIQVTGNKILVKQSPMLVAYDNAVNLSCKYSYNLFSREFRASLHKG<br>LDSAVEVCVVYGNYSQQLQVYSKTGFNCDGKLGNESVTFYLNLYVNQTDIYFCKIE<br>VMYPPPYLDNEKSNGTIIHVKGKHLCPSPFLFPGPSKPFWVLVVGGVLACYSLLVTV<br>AFIIFWVRSKRSRLLHSDYMNMTPRRPGPTRKHYQPYAPPRDFAAYRS                                                |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                     |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                              |

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**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** CD28 CD28 molecule [ Homo sapiens ]

**Official Symbol** CD28

**Synonyms** CD28; CD28 molecule; CD28 antigen (Tp44); T-cell-specific surface glycoprotein CD28; T cell specific surface glycoprotein; CD28 antigen; Tp44; MGC138290;

**Gene ID** 940

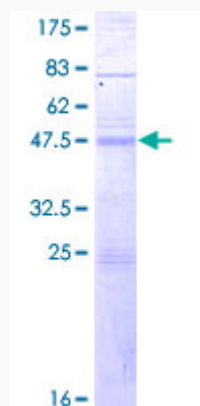
**mRNA Refseq** NM\_001243077

**Protein Refseq** NP\_001230006

**MIM** 186760

**UniProt ID** P10747

**Quality Control Testing**



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