

## Recombinant Human CD40LG Protein, GST-Tagged

**Cat. No.** CD40LG-0818H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CD40LG full-length ORF (AAH74950, 1 a.a. - 261 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 expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	55.11 kDa
<b>AA Sequence</b>	MIETYNQTSPRSAATGLPISMKIFMYLLTVFLITQMIGSALFAVYLRRLDKIEDERNLH EDFVFMKTIQRCNTGERSLSLLNCEEIKSQFEGFVKDIMLNKEETKKENSFEMQKGD QNPQIAAHVISEASSKTTSVLQWAEKGYTMSNNLVTLENGKQLTVKRQGLYYIYAQ VTFCSNREASSQAPFIASLCLKSPGRFERILLRAANTHSSAKPCGQQSIHLGGVFELQ PGASVFNVTDPQVSHGTGFTSFGLLKL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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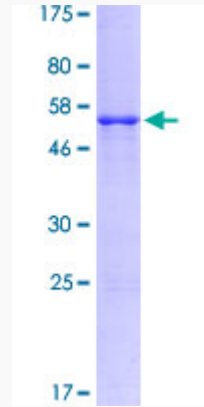
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CD40LG CD40 ligand [ Homo sapiens ]
<b>Official Symbol</b>	CD40LG
<b>Synonyms</b>	CD40LG; CD40 ligand; HIGM1, IMD3, TNFSF5, tumor necrosis factor (ligand) superfamily, member 5 (hyper IgM syndrome); CD40 antigen ligand; CD40L; CD154; gp39; hCD40L; hyper IgM syndrome; T B cell activating molecule; TNF related activation protein; TRAP; tumor necrosis factor (ligand) superfamily member 5; CD40-L; T-cell antigen Gp39; T-B cell-activating molecule; TNF-related activation protein; IGM; IMD3; HIGM1; T-BAM; TNFSF5;
<b>Gene ID</b>	959
<b>mRNA Refseq</b>	NM_000074
<b>Protein Refseq</b>	NP_000065
<b>MIM</b>	300386
<b>UniProt ID</b>	P29965

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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