

Recombinant Full Length Human CD40LG Protein

Cat. No. CD40LG-2966HF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human CD40LG full-length ORF (AAH74950.1) recombinant protein without tag. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 377 amino acids |
| Description | 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] |
| Form | Liquid |
| Molecular Mass | 29.3 kDa |
| AA Sequence | MIETYNQTSPRSAATGLPISMKIFMYLLTVFLITQMIGSALFAVYLHRRLDKIEDERNLH EDFVFMKTIQRCNTGERSLSLLNCEEIKSQFEGFVKDIMLNKEETKKENSFEMQKGD QNPQIAAHVISEASSKTTSVLQWAEKGYTMSNNLVTLENGKQLTVKRQGLYYIYAQ VTFCSNREASSQAPFIASLCLKSPGRFERILLRAANTHSSAKPCGQQSIHLGGVFELQ PGASVFNVTDPQVSHGTGFTSFGLLKL |
| Applications | Antibody Production Functional Study |

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Compound Screening

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| Storage | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer | 25 mM Tris-HCl of pH8.0 containing 2% glycerol. |

GENE INFORMATION

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|------------------------|--|
| Gene Name | CD40LG CD40 ligand [Homo sapiens] |
| Official Symbol | CD40LG |
| Synonyms | 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; |
| Gene ID | 959 |
| mRNA Refseq | NM_000074 |
| Protein Refseq | NP_000065 |
| MIM | 300386 |
| UniProt ID | P29965 |

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