

Recombinant Human ICOS Protein, His&Fc tagged

Cat. No. ICOS-44H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant human ICOS (21-140 aa), fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques. |
| Species | Human |
| Source | Insect Cells |
| ProteinLength | 21-140 aa |
| Description | The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation. |
| Form | Liquid |
| AASequence | EINGSANYEMFIFHNGGVQILCKYPDIVQQFKMQLLKGGQILCDLTKTKGSGNTVSIK SLKFCHSQLSNNSVSFFLYNLDHSHANYFCNLSIFDPPPFKVTLTGGYLHIYESQLC CQLK |
| Molecular Mass | 40.8 kDa |
| Endotoxin | < 1 EU/μg by LAL |
| Purity | > 90% by SDS-PAGE |

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| | |
|-----------------------|---|
| Storage | Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 20mM MES buffer (pH 5.5) containing 40% glycerol, 2mM DTT, 1mM EDTA 0.1M NaCl |
| Concentration | 0.25 mg/mL (determined by absorbance at 280nm) |

GENE INFORMATION

| | |
|--------------------------|---|
| Gene ID | 29851 |
| Gene Name | ICOS inducible T-cell co-stimulator [Homo sapiens (human)] |
| Official Symbol | 29851 |
| Synonyms | ICOS; inducible T-cell co-stimulator; inducible T-cell costimulator; activation inducible lymphocyte immunomediatory molecule; AILIM; CD278; inducible costimulator; activation-inducible lymphocyte immunomediatory molecule; CVID1; MGC39850; |
| mRNA Refseq | NM_012092 |
| Official Symbol 2 | ICOS |
| Gene ID 2 | 29851 |
| Gene Name 2 | ICOS inducible T-cell co-stimulator [Homo sapiens (human)] |
| mRNA Refseq 2 | NM_012092 |
| Protein Refseq 2 | NP_036224 |

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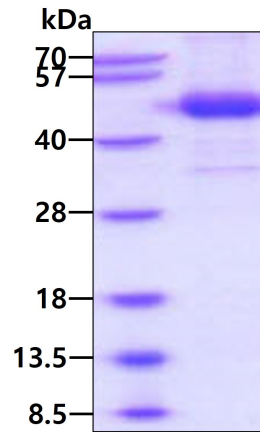
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MIM 2 604558

UniProt ID 2 Q9Y6W8

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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