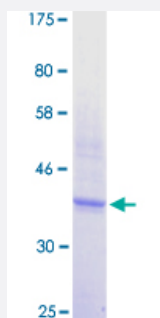


ICOS (Human) Recombinant Protein (Q01)

Catalog # H00029851-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ICOS partial ORF (NP_036224.1, 21 a.a. - 140 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	EINGSANYEMFIFHNGGVQILCKYPDIVQQFKMQLLKGGQILCDLTKTKGSGNTVSIKSLKFCHSQL SNNSVSFFLYNLDHSHANYFCNLSIFDPPPFKVTLTGGYLHIYESQLCCQLK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.83
Interspecies Antigen Sequence	Mouse (70); Rat (69)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ICOS

Entrez GeneID	29851
GeneBank Accession#	NM_012092.2
Protein Accession#	NP_036224.1
Gene Name	ICOS
Gene Alias	AILIM, CD278, MGC39850
Gene Description	inducible T-cell co-stimulator
Omim ID	604558 607594
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	activation-inducible lymphocyte immunomediatory molecule inducible costimulator

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Primary immunodeficiency](#)
- [T cell receptor signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Arthritis](#)
- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Carcinoma](#)
- [Celiac Disease](#)
- [Cholangitis](#)
- [Chronic Disease](#)
- [Common Variable Immunodeficiency](#)
- [Diabetes Mellitus](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hepatitis C](#)
- [Hypersensitivity](#)
- [IgA Deficiency](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Malignant melanoma](#)
- [Multiple Sclerosis](#)
- [Periodontitis](#)
- [Recurrence](#)

- [Uterine Cervical Neoplasms](#)