

Proteoliposomes

Full-Length

ICOS (Human) Recombinant Protein

Catalog # H00029851-G01

Size 10 ug

Specification

Product Description	Human ICOS full-length ORF (NP_036224.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MKSGWLWYFFLFCRLIKVLTGEINGSANYEMFIFHNGGVQILCKYPDIVQQFKMQLLKGGQILCDLTKT KSGSNTVSIKSLKFCHSQLSNNSVSFFLYNLDHSHANYFCNLSIFDPPPFKVTLTGGYLHIYESQL CCQLKFWLPIGCAAFVVVCILGCILICWLTKKKYSSSVHDPNGEYMFMRVNTAKKSRLTDVTL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	22.6
Interspecies Antigen Sequence	Mouse (69); Rat (69)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
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

- Antibody Production

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](#)