

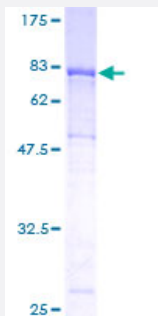
Full-Length

ICAM3 (Human) Recombinant Protein (P01)

Catalog # H00003385-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ICAM3 full-length ORF (AAH58903, 30 a.a. - 547 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

QEFLLRVEPQNPVLSAGGSLFVNCSTDCPSSEKIALETSLSKELVASGMGWAAFNLSNVTGNSRI
LCSVYCNGSQITGSSNITVYRLPERVELAPLPWQPVGQNFTRLRCQVEDGSPRTSLTVLLRWEE
ELSRQPAVEEPAEVTATVLASRDDHGAPFSCRTELDMQPQGLGLFVNTSAPRQLRTFVLPVTPP
RLVAPRFLEVETSWPVDCITDGLFPASEAQVYLALGDQMLNATVMNHGDTLTATATATARADQE
GAREIVCNVTLGGERREARENLTVFSFLGPIVNLSEPTAHEGSTVTVSCMAGARVQVTLDGVPAA
APGQPAQLQLNATESDDGRSFFCSATLEVDGEFLHRNSSVQLRVLYGPKIDRATCPQHLKWKDK
TRHVLQCQARGNPYPPELRCLKEGSSREVPVGIPFFVNVTHNGTYQCQASSSRGKYTLVVMDIEA
GSSHFPVPFVAVLLTLGVVTMLALMYVFREHQRSYHVREESTYLPLTSMQPTEAMGEEPSRA
E

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

82.72

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 — ICAM3

Entrez GeneID[3385](#)**GeneBank Accession#**[BC058903](#)**Protein Accession#**[AAH58903](#)**Gene Name**

ICAM3

Gene Alias

CD50, CDW50, ICAM-R

Gene Description

intercellular adhesion molecule 3

Omim ID[146631](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. [provided by RefSeq]

Other Designations

intercellular adhesion molecule-3

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Arthritis](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hepatitis C](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Severe Acute Respiratory Syndrome](#)