ARG70502
Mouse CD54 / ICAM1 recombinant protein (His-tagged)

Package: 100 µg
Store at: -20°C

Summary

Product Description	CHO expressed, His-tagged Mouse CD54 / ICAM1 recombinant protein.
Tested Application	SDS-PAGE
Target Name	CD54 / ICAM1
Species	Mouse
A.A. Sequence	Met1-Asn485
Expression System	CHO
Alternate Names	ICAM1; Intercellular Adhesion Molecule 1; CD54; BB2; Major Group Rhinovirus Receptor; ICAM-1; Intercellular Adhesion Molecule 1 (CD54), Human Rhinovirus Receptor; Epididymis Secretory Sperm Binding Protein; Cell Surface Glycoprotein P3.58; Human Rhinovirus Receptor; CD54 Antigen; P3.58

Properties

Form	Powder
Purification	>95% (by SDS-PAGE)
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ICAM1
Gene Full Name	Intercellular Adhesion Molecule 1
Background	his gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor. [provided by RefSeq, Jul 2008]
Function	ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation. [Uniprot]