

Recombinant Human ICAM4 Protein, GST-His-tagged

Cat. No. ICAM4-204H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ICAM4, transcript variant 1, fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes the Landsteiner-Wiener (LW) blood group antigen(s) that belongs to the immunoglobulin (Ig) superfamily, and that shares similarity with the intercellular adhesion molecule (ICAM) protein family. This ICAM protein contains 2 Ig-like C2-type domains and binds to the leukocyte adhesion LFA-1 protein. The molecular basis of the LW(A)/LW(B) blood group antigens is a single aa variation at position 100; Gln-100=LW(A) and Arg-100=LW(B). Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	55.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	ICAM4 intercellular adhesion molecule 4 (Landsteiner-Wiener blood group) [Homo sapiens]
Official Symbol	ICAM4
Synonyms	ICAM4; intercellular adhesion molecule 4 (Landsteiner-Wiener blood group); intercellular adhesion molecule 4 (LW blood group) , intercellular adhesion molecule 4, Landsteiner Wiener blood group , Landsteiner Wiener blood group , LW; intercellular adhesion molecule 4; CD242; CD242 antigen; LW blood group protein; Landsteiner-Wiener blood group antigen a; Landsteiner-Wiener blood group glycoprotein; intercellular adhesion molecule 4 (LW blood group); LW;
Gene ID	3386
mRNA Refseq	NM_001039132
Protein Refseq	NP_001034221
MIM	614088
UniProt ID	Q14773