Recombinant Human Sialophorin

Cat. No. SPN-4264H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CD43 Human Recombinant (aa 271-401) expressed in E.coli, shows a 41 kDa band on SDS-PAGE. The CD43 is purified by proprietary chromatographic techniques.
Species	Human
Source	Human
ProteinLength	271-401 a.a.
Description	CD43 (Sialophorin, Leukosialin) is a major sialoglycoprotein on the surface of human T lymphocytes, monocytes, granulocytes, and some B lymphocytes, which appears to be important for immune function and may be part of a physiologic ligand-receptor complex involved in T-cell activation.
Form	CD43 at 100μg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Physical Appearance	Sterile Filtered clear solution.
Storage	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.

GENE INFORMATION

Gene Name	SPN sialophorin [Homo sapiens]

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Official Symbol	SPN
Synonyms	Leukosialin; GALGP; OTTHUMP00000123397; GPL115; OTTHUMP00000196610; sialophorin (leukosialin, CD43); sialophorin (gpL115, leukosialin, CD43); CD43 antigen; Leukocyte sialoglycoprotein; Galactoglycoprotein; LSN; CD43; SPN; sialophorin; Sialophorin
Gene ID	6693
mRNA Refseq	NM_001030288
Protein Refseq	NP_001025459
MIM	182160
UniProt ID	P16150
Chromosome Location	16p11.2
Pathway	Basigin interactions; Cell adhesion molecules (CAMs); Cell adhesion molecules (CAMs); Cell surface interactions at the vascular wall; Hemostasis, organism-specific biosystem
Function	bacterial cell surface binding; binding; transmembrane receptor activity

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