

Recombinant Human LY75 Protein (Cys216-Cys501), His tagged

Cat. No. LY75-3150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human mLY75 (Cys216-Cys501) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys216-Cys501
Description	LY75 knockdown in SKOV3 cells also resulted in predominant upregulation of functional pathways implicated in cell proliferation and metabolism, while pathways associated with cell signaling and adhesion, complement activation and immune response were mostly suppressed. Moreover, LY75 suppression had an opposite effect on EOC cell lines with epithelial phenotype (A278s and OV28), by directing epithelial-to-mesenchymal transition (EMT) associated with reduced capacity for in vivo EOC cell colonization, as similar/identical signaling pathways were reversely regulated, when compared to mesenchymal LY75 knockdown EOC cells.
Molecular Mass	33.48 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	LY75 lymphocyte antigen 75 [Homo sapiens (human)]
Official Symbol	LY75
Synonyms	LY75; lymphocyte antigen 75; CD205; CLEC13B; DEC 205; C-type lectin domain family 13 member B; LY-75; DEC-205; GP200-MR6;
Gene ID	4065
mRNA Refseq	NM_002349
Protein Refseq	NP_002340
MIM	604524
UniProt ID	O60449

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