

## Recombinant Human CD24 Protein, DYKDDDDK-tagged

Cat. No. CD24-456H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD24 molecule(CD24), transcript variant 1(NM_013230), with a DYKDDDDK tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>Description</b>	This gene encodes a sialoglycoprotein that is expressed on mature granulocytes and B cells and modulates growth and differentiation signals to these cells. The precursor protein is cleaved to a short 32 amino acid mature peptide which is anchored via a glycosyl phosphatidylinositol (GPI) link to the cell surface. This gene was missing from previous genome assemblies, but is properly located on chromosome 6. Non-transcribed pseudogenes have been designated on chromosomes 1, 15, 20, and Y. Alternative splicing results in multiple transcript variants.
<b>Form</b>	Purified protein formulated in a sterile solution of TBS buffer, pH7.227, without any preservatives.
<b>Molecular Mass</b>	8.1 kDa
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
<b>Purity</b>	>90% by SDS-PAGE gel and Coomassie Blue staining
<b>Applications</b>	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and

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protein-protein interaction studies.

## GENE INFORMATION

<b>Gene Name</b>	CD24 CD24 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD24
<b>Synonyms</b>	CD24; CD24 molecule; CD24 antigen (small cell lung carcinoma cluster 4 antigen); signal transducer CD24; CD24A; FLJ22950; FLJ43543; MGC75043;
<b>Gene ID</b>	100133941
<b>mRNA Refseq</b>	NM_013230
<b>Protein Refseq</b>	NP_037362
<b>MIM</b>	600074
<b>UniProt ID</b>	P25063

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