

Recombinant Human CD2BP2 Protein, GST-Tagged

Cat. No. CD2BP2-0775H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CD2BP2 full-length ORF (AAH00495, 1 a.a. - 341 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a bi-functional protein. In the cytoplasm, the encoded protein binds the cytoplasmic tail of human surface antigen CD2 via its C-terminal GYF domain, and regulate CD2-triggered T lymphocyte activation. In the nucleus, this protein is a component of the U5 small nuclear ribonucleoprotein complex and is involved in RNA splicing. A pseudogene has been identified on chromosome 7. Alternative splicing results in multiple transcript variants but their biological validity has not been determined. [provided by RefSeq, Nov 2008]
Molecular Mass	63.25 kDa
AA Sequence	MPKRKVTFGVGDEEDEDEIIVPKKKLVDPVAGSGGPGSRFKGKHS LDSDEEEEDDD DGGSSKYDILASEDVEGQEAATLPSEGGVRITPFNLQEEMEEGHFDADGNYFLNRD AQIRDSWLDNIDWVKIRERPPGQRQASDSEEEEDSLGQTSMSAQALLEG LLELLLPRE TVAGALRRLGARGGGKGRKGPQPSSPQRLDRLSLGLADQMVARGNLGVYQETRE RLAMRLKGLGCQTLGPHNPTPPPSLDMFAEELAE EEELETPTPTQRGEAESRGDGLV DVMWEYKWENTGDAELYGPFTSAQMQTWVSEGYFPDGVYCRKLDPPGGQFYNS KRIDFDLYT

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

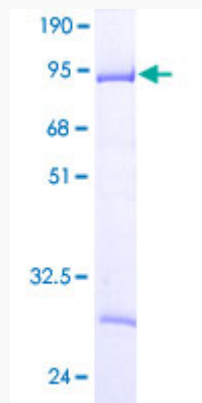
Gene Name	CD2BP2 CD2 (cytoplasmic tail) binding protein 2 [Homo sapiens]
Official Symbol	CD2BP2
Synonyms	CD2BP2; CD2 (cytoplasmic tail) binding protein 2; CD2 antigen (cytoplasmic tail) binding protein 2; CD2 antigen cytoplasmic tail-binding protein 2; LIN1; PPP1R59; protein phosphatase 1; regulatory subunit 59; Snu40; U5 snRNP 52K protein; CD2 cytoplasmic domain-binding protein 2; protein phosphatase 1, regulatory subunit 59; FWP010; U5-52K;
Gene ID	10421
mRNA Refseq	NM_001243646
Protein Refseq	NP_001230575
MIM	604470
UniProt ID	O95400

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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