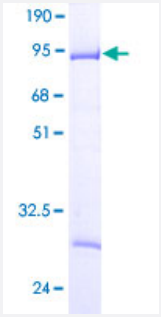
Full-Length

CD2BP2 (Human) Recombinant Protein (P01)

Catalog # H00010421-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CD2BP2 full-length ORF (AAH00495, 1 a.a. - 341 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPKRKVTFQGVGDEEDEDEIIVPKKKLVDPVAGSGGPGSRFKGKHSLDSDEEEDDDDGGSSKY DILASEDVEGQEAATLPSEGGVRITPFNLQEEMEEGHFDADGNYFLNRDAQIRDSWLDNIDWVKI RERPPGQRQASDSEEEDSLGQTSMSAQALLEGLLELLLPRETVAGALRRLGARGGGKGRKGPG QPSSPQRLDRLSGLADQMVARGNLGVYQETRERLAMRLKGLGCQTLGPHNPTPPPSLDMFAEE LAEEELETPTPTQRGEAESRGDGLVDVMWEYKWENTGDAELYGPFTSAQMQTWVSEGYFPDG VYCRKLDPPGGQFYNSKRIDFDLYT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	63.25
Interspecies Antigen Sequence	Mouse (90); Rat (89)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD2BP2

Entrez GeneID	10421
GeneBank Accession#	BC000495
Protein Accession#	AAH00495
Gene Name	CD2BP2
Gene Alias	FWP010, LIN1, Snu40, U5-52K
Gene Description	CD2 (cytoplasmic tail) binding protein 2
Omim ID	604470
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	CD2 antigen (cytoplasmic tail) binding protein 2|CD2 binding protein 2|CD2 cytoplasmic domain binding protein 2|U5 snRNP 52K protein