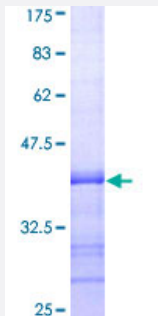


CD38 (Human) Recombinant Protein (Q01)

Catalog # H00000952-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CD38 partial ORF (AAH07964, 201 a.a. - 300 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	CDVVHVMLNGSRSKIFDKNSTFGSVEVHNLQPEKVQTLAWVIHGGREDSRDLCQDPTIKELESII SKRNIQFSCCKNIYRPDKFLQCVKNPEDSSCTSEI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
Interspecies Antigen Sequence	Mouse (55); Rat (59)
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 — CD38

Entrez GeneID	952
GeneBank Accession#	BC007964
Protein Accession#	AAH07964
Gene Name	CD38
Gene Alias	T10
Gene Description	CD38 molecule
Omim ID	107270
Gene Ontology	Hyperlink
Gene Summary	CD38 is a novel multifunctional ectoenzyme widely expressed in cells and tissues especially in leukocytes. CD38 also functions in cell adhesion, signal transduction and calcium signaling. [provided by RefSeq]
Other Designations	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase CD38 antigen CD38 antigen (p45) cyclic ADP-ribose hydrolase

Pathway

- [Calcium signaling pathway](#)
- [Hematopoietic cell lineage](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Cell Transformation](#)
- [Child Development Disorders](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Osteoporosis](#)