

CD38 (Human) Recombinant Protein

Catalog # P9642

Size 2 x 10 ug

Specification

Product Description	Human CD38 (P28907, 43 a.a. - 300 a.a.) partial recombinant protein with His tag at N-terminus expressed in Sf9 cells.
Sequence	ADPEFVPRWRQQWSGPGTTKRFPETVLARCVKYTEIHPEMRHVDCQSVWDAFKGAFISKHPCNI TEEDYQPLMKLGTQTVPCNKILLWSRIKDLAHQFTQVQRDMFTLEDTLGLYADDLTWCGEFNTS KINYQSCPDWRKDCSNNPVSFVKTVSRRFAEAACDVVHVMLNGSRSKIFDKNSTFGSVEVHN LQPEKVQTLAEAWVIHGGREDSRDLCQDPTIKELESISKRNQFSCKNYRPDKFLQCVKNPEDSSC TSEIHHHHHH
Host	insect
Theoretical MW (kDa)	31.2
Form	Liquid
Preparation Method	Sf9 cell expression system
Purity	> 90.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM MES buffer pH 5.0 (100 mM NaCl and 10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 2-4 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CD38

Entrez GeneID	952
Protein Accession#	P28907
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](#)