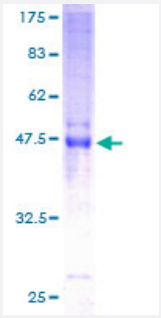
Full-Length

CLEC4E (Human) Recombinant Protein (P01)

Catalog # H00026253-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CLEC4E full-length ORF (AAH00715, 1 a.a. - 219 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNSSKSSETQCTERGCFSSQMFLWTVAGIPILFLSACFITRCVVTFRIFQTCDEKKFQLPENFTEL SCYNYGSGSVKNCCPLNWEYFQSSCYFFSTDTISWALSLKNCSAMGAHLVVINSQEEQEFLSYK KPKMREFFIGLSDQVVEGQWQWVDGTPLTKSLSFWDVGEPNNIATLEDCATMRDSSNPRQNWN DVTCFLNYFRICEMVGINPLNKGKSL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	49.83
Interspecies Antigen Sequence	Mouse (66); Rat (67)
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 — CLEC4E

Entrez GeneID	26253
GeneBank Accession#	BC000715
Protein Accession#	AAH00715
Gene Name	CLEC4E
Gene Alias	CLECSF9, MINCLE
Gene Description	C-type lectin domain family 4, member E
Omim ID	609962
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the C-type lectin/C-type lectin-like domain (CTL/CTLD) superfamily. Members of this family share a common protein fold and have diverse functions, such as cell adhesion, cell-cell signalling, glycoprotein turnover, and roles in inflammation and immune response. The encoded type II transmembrane protein is a downstream target of CCAAT/enhancer binding protein (C/EBP), beta (CEBPB) and may play a role in inflammation. Alternative splice variants have been described but their full-length sequence has not been determined. This gene is closely linked to other CTL/CTLD superfamily members on chromosome 12p13 in the natural killer gene complex region. [provided by RefSeq
Other Designations	C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 9|macrophage-inducible C-type lectin