

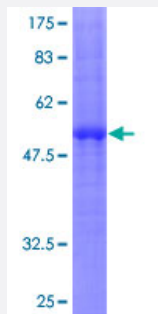
Full-Length

CLEC4A (Human) Recombinant Protein (P01)

Catalog # H00050856-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CLEC4A full-length ORF (NP_057268.1, 1 a.a. - 237 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTSEITYAEVRFKNEFKSSGINTASSAASKERTAPHKSNTGFPKLLCASLLIFFLLLAISFFIAFVIFQ
KYSQLEKKTTELKLVHTTLECVKKNMPVEETAWSCCPKNWKSFSSNCYFISTESASWQDSEKD
CARMEAHLLVINTQEEQDFIFQNLQEESAYFVGLSDPEGQRHWQWVDQTPYNESSTFWHPREP
SDPNERCVVLNFRKSPKRWGWNDVNCLGPQRSVCCEMMKIHL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

53.9

Interspecies Antigen Sequence

Mouse (53); Rat (53)

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 — CLEC4A

Entrez GeneID [50856](#)

GeneBank Accession# [NM_016184.2](#)

Protein Accession# [NP_057268.1](#)

Gene Name CLEC4A

Gene Alias CLECSF6, DCIR, DDB27, HDCGC13P, LLIR

Gene Description C-type lectin domain family 4, member A

Omim ID [605306](#)

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 2 transmembrane protein may play a role in inflammatory and immune response. Multiple transcript variants encoding distinct isoforms have been identified for this gene. 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 6|dendritic cell immunoreceptor|lectin-like immunoreceptor