

Recombinant Full Length Human CLEC14A Protein, GST-tagged

Cat. No. CLEC14A-2116HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CLEC14A full-length ORF (NP_778230.1, 1 a.a. - 490 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	490 amino acids
Description	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. This family member plays a role in cell-cell adhesion and angiogenesis. It functions in filopodia formation, cell migration and tube formation. Due to its presence at higher levels in tumor endothelium than in normal tissue endothelium, it is considered to be a candidate for tumor vascular targeting. [provided by RefSeq, Jan 2012]
Molecular Mass	78 kDa
AA Sequence	MRPAFALCLLWQALWPGPGGGEHPTADRAGCSASGACYSLHHATMKRQAAEEACI LRGGALSTVRAGAELRAVLALLRAGPGPGGGSKDLLFWVALERRRRSHCTLENEPLR GFSWLSSDPGGLESRTLQWVEEPQRSCTARRCAVLQATGGVEPAGWKEMRCHLR ANGYLCKYQFEVLCPPAPRPGAASNLSYRAPFQLHSAALDFSPPGTEVSALCRGQLPI

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SVTCIADEIGARWDKLSGDVLCPCPGRYLRAGKCAELPNCLDDLGGFACECATGFE
 LGKDGRSCVTSGEGQPTLGGTGVPTRRPPATATSPVPQRTWPIRVDEKLGETPLVP
 EQDNSVTSIPEIPRWGSQSTMSTLQMSLQAESKATITPSGVSISKFNSTTSSATPQAF
 DSSSAVVVFIVSTAVVVLVILTMTVLGLVKLCFHESPSSQPRKESMGPPGLESDPEPA
 ALGSSSAHCTNNGVKVGDCLDRDRAEGALLAESPLGSSDA

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

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name
 CLEC14A C-type lectin domain family 14, member A [Homo sapiens]

Official Symbol
 CLEC14A

Synonyms
 CLEC14A; C-type lectin domain family 14, member A; C14orf27, chromosome 14 open reading frame 27; C-type lectin domain family 14 member A; epidermal growth factor receptor 5; CIECT and EGF-like domain containing protein; CEG1; EGFR-5; C14orf27

Gene ID
 161198

mRNA Refseq
 NM_175060

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Protein Refseq NP_778230

MIM 616845

UniProt ID Q86T13

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