

Recombinant Human CLEC14A protein, His-tagged

Cat. No. CLEC14A-2638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLEC14A protein(1-349 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-349 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MRPAFALCLLWQALWPGPGGGEHPTADRAGCSASGACYSLHHATMKRQAAEEACI LRGGALSTVRAGAE LRAVLALLRAGPGPGGGSKDLLFWVALERRRRSHCTLENEPLR GFSWLSSDPGGLES DTLQWVEEPQRSCTARRCAVLQATGGVEPAGWKEMRCHLR ANGYLCKYQFEVLC PAPRPGAASNLSYRAPFQLHSAALDFSPPGTEVSALCRGQLPI SVTCIADEIGARWDKLSGDVLCPGPGRYLRAGKCAELPNCLDDLGGFACECATGFE LGKDG RSCVTS GEGQPTLGGTGVPTRRPPATATSPVPQRTWP IRVDEKLGETPLVP EQDNSVTSIPEIPRW
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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; CLECT and EGF-like domain containing protein; CEG1; EGFR-5; C14orf27;

Gene ID 161198

mRNA Refseq NM_175060

Protein Refseq NP_778230

UniProt ID Q86T13

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