

Recombinant Human CD101 protein, His-tagged

Cat. No. CD101-651H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD101 protein(NP_001243035)(260-603 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	260-603 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	ETWMFITKKQTDQTTLRIQPAVKDFQVNITADSLFAEGKPLELVCLVVSSGRDPQLQ GIWFFNGTEIAHIDAGGVGLKNDYKERASQGELQVSKLGPKAFSLKIFSLGPEDEG AYRCVVAEVMKTRTGSWQVLQRKQSPDSHVHLRKPAAARSVVVSTKNKQQVWVEG ETLAFLCKAGGAESPLSVSWWHIPRDQTQPEFVAGMGQDGIVQLGASYGVPSYHG NTRLEKMDWATFQLEITFTAITDSGTYEKRVSEKSRNQARDLSWTQKISVTVKSLES SLQVSLMSRQPQVMLTNTFDLSCVVRAGYSDLKVPLTVTWQFQPASSHIFHQLIRIT HNGTIEW
Purity	90%, 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

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

Reconstitution

Reconstitute at 0.25 g/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 CD101 CD101 molecule [Homo sapiens]

Official Symbol CD101

Synonyms

CD101; CD101 molecule; IGSF2, immunoglobulin superfamily, member 2; immunoglobulin superfamily member 2; V7; EWI-101; leukocyte surface protein; cell surface glycoprotein V7; immunoglobulin superfamily, member 2; glu-Trp-Ile EWI motif-containing protein 101; IGSF2;

Gene ID 9398

mRNA Refseq NM_001256106

Protein Refseq NP_001243035

MIM 604516

UniProt ID Q93033

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