

Recombinant Human CDC34 protein

Cat. No. CDC34-220H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDC34 protein(P49427)(1-236 aa) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-236 aa
Form	A 0.2 µm filtered concentrated solution in 50 mM HEPES, pH 7.0, with 125 mM NaCl, 10 % Glycerol, 5 % Trehalose, 1 mM DTT.
Molecular Mass	Approximately 26.7 kDa, a single non-glycosylated polypeptide chain containing 236 amino acids.
AASequence	MARPLVPSSQ KALLLELKGL QEETVEGFRV TLVDEGDLYN WEVAIFGPPN TYYEGGYFKA RLKFPIDYPY SPPAFRFLTK MWHPNIYETG DVCISILHPP VDDPQSGELP SERWNPTQNV RTILLSVISL LNEPNTFSPA NVDASVMYRK WKESKGDRE YTDIIRKQVL GTKVDAERDG VKVPTTLAEY CVKTKAPAPD EGSDLFYDDY YEDGEVEEEA DSCFGDDEDD SGTEES
Endotoxin	Less than 0.1 EU/g of rHuUBE2R1 as determined by LAL method.
Purity	>95% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months

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from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name	CDC34 cell division cycle 34 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	CDC34
Synonyms	CDC34; cell division cycle 34 homolog (<i>S. cerevisiae</i>); cell division cycle 34; ubiquitin-conjugating enzyme E2 R1; E2 CDC34; UBC3; UBE2R1; ubiquitin carrier protein; ubiquitin-protein ligase R1; ubiquitin-conjugating enzyme E2-CDC34; ubiquitin-conjugating enzyme E2-32 KDA complementing; UBCH3; E2-CDC34;
Gene ID	997
mRNA Refseq	NM_004359
Protein Refseq	NP_004350
MIM	116948
UniProt ID	P49427

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SDS-PAGE