

Recombinant Human REC114 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. REC114-6338H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C15orf60 MS Standard C13 and N15-labeled recombinant protein (NP_001035826) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is orthologous to the mouse meiotic recombination protein REC114, which is involved in DNA double-strand break formation during meiosis. The encoded protein is conserved in most eukaryotes and was first discovered and characterized in yeast.
Molecular Mass	29 kDa
AA Sequence	MAEAGKVPLSLGLTGGEAAEWPLQRYARCIPSNTRDPPGPCLEAGTAPCPTWKVF DSNEESGYLVLTIVISGHFFIFQGQTLLEGFSLIGSKDWLKIVRRVDCLLFGTTIKDKSR LFRVQFSGESKEQALEHCCSCVQKLAQYITVQVPDGNIQELQLIPGPPRATESQGKD SAKSVPRQPGSHQHSEQQVCVTAGTGAPDGRTSLTQLAQTLASEELPHVYEQS AWGAEELGPFLRLCLMDQNFPAFVEEVEKELKKLAGLRNSGPTRRTRRLEQKLISEED LAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name REC114 REC114 meiotic recombination protein [Homo sapiens (human)]

Official Symbol REC114

Synonyms REC114; REC114 meiotic recombination protein; CT147; C15orf60; meiotic recombination protein REC114; meiotic recombination protein REC114-like

Gene ID 283677

mRNA Refseq NM_001042367

Protein Refseq NP_001035826

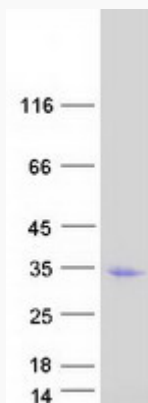
MIM 618421

UniProt ID Q7Z4M0

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SDS-PAGE

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