

Recombinant Human PRPF31 protein, His-tagged

Cat. No. PRPF31-6875H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRPF31 protein(101-212 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	101-212 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MVEIENELNIIHKFIRDKYSKRFPESLVPNALDYIRTVKELGNSLDKCKNNENLQQIL TNATIMVSVTASTTQGQQLSEEEELERLEEACDMALELNASKHRIYEVESRM
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

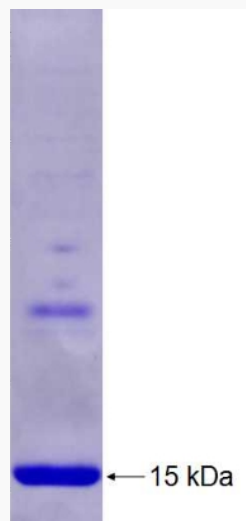
Gene Name	PRPF31 PRP31 pre-mRNA processing factor 31 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	PRPF31
Synonyms	PRPF31; PRP31 pre-mRNA processing factor 31 homolog (S. cerevisiae); PRP31 pre mRNA processing factor 31 homolog (yeast) , RP11; U4/U6 small nuclear ribonucleoprotein Prp31; NY BR 99; PRP31; hPrp31; protein 61K; U4/U6 snRNP 61 kDa protein; pre-mRNA-processing factor 31; serologically defined breast cancer antigen NY-BR-99; RP11; NY-BR-99; DKFZp566J153;
Gene ID	26121
mRNA Refseq	NM_015629
Protein Refseq	NP_056444
MIM	606419
UniProt ID	Q8WWY3

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SDS-PAGE



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