Recombinant Human NUDT21 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NUDT21-5940H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NUDT21 MS Standard C13 and N15-labeled recombinant protein (NP_008937) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is one subunit of a cleavage factor required for 3' RNA cleavage and polyadenylation processing. The interaction of the protein with the RNA is one of the earliest steps in the assembly of the 3' end processing complex and facilitates the recruitment of other processing factors. This gene encodes the 25kD subunit of the protein complex, which is composed of four polypeptides.
Molecular Mass	26.2 kDa
AA Sequence	MSVVPPNRSQTGWPRGVTQFGNKYIQQTKPLTLERTINLYPLTNYTFGTKEPLYEKD SSVAARFQRMREEFDKIGMRRTVEGVLIVHEHRLPHVLLLQLGTTFFKLPGGELNPG EDEVEGLKRLMTEILGRQDGVLQDWVIDDCIGNWWRPNFEPPQYPYIPAHITKPKEH KKLFLVQLQEKALFAVPKNYKLVAAPLFELYDNAPGYGPIISSLPQLLSRFNFIYNTRT RPLEQKLISEEDLAANDILDYKDDDDKV
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

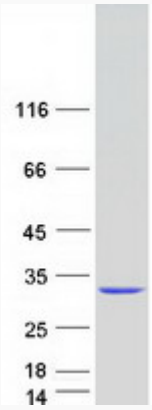
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NUDT21 nudix hydrolase 21 [Homo sapiens (human)]
Official Symbol	NUDT21
Synonyms	NUDT21; nudix (nucleoside diphosphate linked moiety X)-type motif 21; cleavage and polyadenylation specific factor 5, 25 kD subunit, cleavage and polyadenylation specific factor 5, 25 kDa, CPSF5; cleavage and polyadenylation specificity factor subunit 5; CFIM25; nudix motif 21; CPSF 25 kDa subunit; pre-mRNA cleavage factor Im (25kD); pre-mRNA cleavage factor Im, 25kD subunit; pre-mRNA cleavage factor Im 25 kDa subunit; nucleoside diphosphate-linked moiety X motif 21; cleavage and polyadenylation specific factor 5, 25 kDa; cleavage and polyadenylation specific factor 5, 25 kD subunit; cleavage and polyadenylation specificity factor 25 kDa subunit; CPSF5; DKFZp686H1588;
Gene ID	11051
mRNA Refseq	NM_007006
Protein Refseq	NP_008937
MIM	604978

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UniProt ID	O43809
SDS-PAGE	

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