

Product datasheet for TP311236

REXO2 (NM_015523) Human Recombinant Protein

Product data:

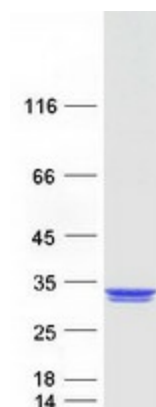
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human REX2, RNA exonuclease 2 homolog (<i>S. cerevisiae</i>) (REXO2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211236 protein sequence Red =Cloning site Green =Tags(s)
	MLGGSLSRLLRGVGGSHGRFGARGVREGGAAMAAGESMAQRMVWVDLEMTGLDIEKDQIEMACLITDS DLNILAEGPNLIKQPDELLDSMSDWCKEHHGKSGLTAKVKESTITLQQAIEFLSFVRQQTTPGGLCPLA GNSVHEDKKFLDKYMPQFMKHLHYRIIDVSTVKELCRRWYPEEYEFAPKKAASHRALDDISESIKELQFY RNNIFKKKIDKKRKIIENGNEKTVS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	26.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_056338</u>
Locus ID:	25996



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UniProt ID:	<u>Q9Y3B8</u>
RefSeq Size:	1171
Cytogenetics:	11q23.2
RefSeq ORF:	711
Synonyms:	CGI-114; REX2; RFN; SFN
Summary:	This gene encodes a 3'-to-5' exonuclease specific for small (primarily 5 nucleotides or less in length) single-stranded RNA and DNA oligomers. This protein may have a role in DNA repair, replication, and recombination, and in RNA processing and degradation. It may also be involved in resistance of human cells to UV-C-induced cell death through its role in the DNA repair process. [provided by RefSeq, Nov 2011]

Product images:



Coomassie blue staining of purified REXO2 protein (Cat# TP311236). The protein was produced from HEK293T cells transfected with REXO2 cDNA clone (Cat# [RC211236]) using MegaTran 2.0 (Cat# [TT210002]).