

## Product datasheet for **TP311236M**

### REXO2 (NM\_015523) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human REX2, RNA exonuclease 2 homolog (*S. cerevisiae*) (REXO2), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC211236 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MLGGSLSRLLRGVGGSHGRFGARGVREGGAAMAAGESMAQRMVWDLEMTGLDIEKDQIIEMACLITDS  
DLNILAEGPNLIKQPDELLDSMSDWCKEHHGKSGLTAVKESTITLQAEYEFVRFVQTPPGLCPLA  
GNSVHEDKKFLDKYMPQFMKHLHYRIIDVSTVKELCRRWYPEEYEFAPKKAASHRALDDISESIKELQFY  
RNNIFKKKIDEKKRKIIENGENEKTVS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

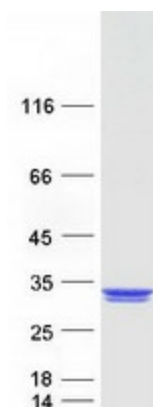
**Tag:** C-Myc/DDK  
**Predicted MW:** 26.7 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was 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:** [NP\\_056338](#)  
**Locus ID:** 25996



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UniProt ID:	<a href="#">Q9Y3B8</a>
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]).