

# Recombinant Full Length Rat Torsin-1A-Interacting Protein 1(Tor1Aip1) Protein, His-Tagged

Cat. No. RFL15344RF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Rat Torsin-1A-interacting protein 1(Tor1aip1) Protein (Q5PQX1) (1-583aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Rat

### Source

E.coli

### ProteinLength

Full Length (1-583)

### Form

Lyophilized powder

### AA Sequence

MAGERWRAEGLGEGWAIYVTPRAPIREGRRRLATQNGDGSDAPAYETHPSRHGR  
 REVRFS EEPPEVYGDPEPRAAKERSPGERRTPPEKFRSDSAKEEVRESAYNLRSR  
 QRRQRGPQEAEMKTRRSTRLEQHSQQAQQQLSPATSGRGLRDAQSLSEDRGE  
 DEPSSQPVTSTVSKKTV RTPETSVMSSEDPISNLCRPPLRSRPPDASIVQHINPFEE  
 GETEDDLESSYSDVTIRIRSR DSVESRDEAAVAAGHHPDSLWGLPHSRGDFTAHEN  
 QPSLLPTGCQKNPQEWVEQAVRMRT RMAYNNIQKSDFGNQSPSTSRQQAQVQPP  
 DESSVKIKWWLLILVAALAMGIYWFFHTPVV ETTAVQEFQNMKQLQSKYQSQDEK  
 LWKRGTTFLEKHLNSSLPRPQPAILLTAAQDAE VLKCLSEQIADAYSSFRSVRAIR  
 IDGAGKAAQSDLVKHEVDQELTDGFRNGQNAAVVHR FESLPAGSTLIFYKYCDHE  
 NAAFKDVALVLTVLLLEEQTLEASLGLKEIEEKVRDFLKVKF TSSDTANSYNHMDPDK  
 LNGLWSRISHLVLPVQPENALKAGSCL

### Purity

Greater than 90% as determined by SDS-PAGE.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	Tor1aip1
<b>Synonyms</b>	Tor1aip1; Torsin-1A-interacting protein 1; Lamina-associated polypeptide 1B; LAP1B; Lamina-associated polypeptide 1C; LAP1C
<b>UniProt ID</b>	<a href="#">Q5PQX1</a>

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