

## Product datasheet for **TP303377L**

### TOE1 (NM\_025077) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human target of EGR1, member 1 (nuclear) (TOE1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203377 protein sequence Red=Cloning site Green=Tags(s)

MAADSDDGAVSAPAASDGGVSKSTTSGEELVVQVPVVDVQSNNFKEMWPSLLLAIKTANFVAVDTELSGL  
GDRKSLLNQCIERYKAVCHAARTRSILSLGLACFKRQPKGHSYLAQVFNLLCMEEYVIEPKSVQF  
LIQHGFNFNQYQAQGIPYHKGNDKGDESQSQSVRTLFLLELIRARRPLVLHNGLIDLVLFLYQNFYAHLPES  
LGTFTADLCMFAGIYDTKYAAEFHARFVASYLEYAFKRCERENGKQRAAGSPHLTLEFCNYPSSMRDH  
IDYRCLPPATHRPHPTSICDNFSAYGWCPGQPQSHDIDLIDTDEAAAEDKRRRRRRREKRKRALL  
NLPGTQTSGEAKDGPPKKQVCGDSIKPEETEQEVAADETRNLPHSKQGNKNDLEMGIKAARPEIADRATS  
EVPGSQASPNPVPDGLHRAGFDFAMTGYVMAYVEVSQGPQPCSSGPWLPECHNKVYLSGKAVPLTVAKS  
QFSRSSKAHNQKMKLTWGSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	56.4 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.



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RefSeq: [NP\\_079353](#)

Locus ID: 114034

UniProt ID: [Q96GM8](#)

RefSeq Size: 2408

Cytogenetics: 1p34.1

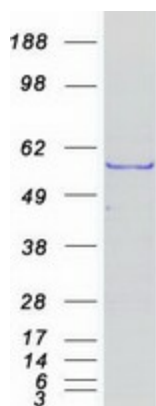
RefSeq ORF: 1530

Synonyms: hCaf1z; PCH7

**Summary:** Inhibits cell growth rate and cell cycle. Induces CDKN1A expression as well as TGF-beta expression. Mediates the inhibitory growth effect of EGR1. Involved in the maturation of snRNAs and snRNA 3'-tail processing (PubMed:28092684).[UniProtKB/Swiss-Prot Function]

**Protein Families:** Stem cell - Pluripotency, Transcription Factors

### Product images:



Coomassie blue staining of purified TOE1 protein (Cat# [TP303377]). The protein was produced from HEK293T cells transfected with TOE1 cDNA clone (Cat# [RC203377]) using MegaTran 2.0 (Cat# [TT210002]).