

Product datasheet for **TP303377**

TOE1 (NM_025077) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human target of EGR1, member 1 (nuclear) (TOE1), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC203377 protein sequence
Red=Cloning site **Green**=Tags(s)

MAADSDDGAVSAPAASDGGVSKSTTSGEELVVQVPVVDVQSNNFKEMWPSLLLAIKTANFVAVDTELSGL
GDRKSLLNQCIERYKAVCHAARTRSILSLGLACFKRQPKGHSYLAQVFNLLCMEEYVIEPKSVQF
LIQHGFNFNQYQAQGIPYHKGNDKGDSESQSQSVRTLFLLELIRARRPLVLHNGLIDLVLFLYQNFYAHLPES
LGTFTADLCMFAGIYDTKYAAEFHARFVASYLEYAFKRCERENGKQRAAGSPHLTLEFCNYPSSMRDH
IDYRCLPPATHRPHPTSICDNFSAYGWCPPLGPQCPQSHDIDLIDTDEAAAEDKRRRRRRREKRKRALL
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

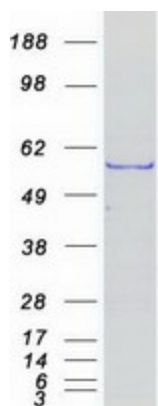
RefSeq ORF: 1530

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]).