

## Product datasheet for **TP761319**

### **RNF144 (RNF144A) (NM\_014746) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human ring finger protein 144A (RNF144A), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length RNF144A
<b>Tag:</b>	N-GST and C-His
<b>Predicted MW:</b>	58.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_055561</a>
<b>Locus ID:</b>	9781
<b>UniProt ID:</b>	<a href="#">P50876</a>
<b>RefSeq Size:</b>	5755
<b>Cytogenetics:</b>	2p25.1
<b>RefSeq ORF:</b>	876
<b>Synonyms:</b>	hUIP4; RNF144; UBCE7IP4



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**Summary:**

This gene encodes a member of a family of RING finger domain-containing E3 ubiquitin ligases that also includes parkin and parc. The expression of this gene is induced by DNA damage. The encoded protein interacts with the cytoplasmic DNA-dependent protein kinase, catalytic subunit (DNA-PKcs) and promotes its degradation through ubiquitination. The orthologous mouse protein has been shown to interact with a ubiquitin-conjugating enzyme involved in embryonic development. [provided by RefSeq, Mar 2017]

**Protein Families:**

Druggable Genome, Transmembrane

**Product images:**