



# Recombinant Human E3 ubiquitin-protein ligase TRAIP (TRAIP)

<b>Product Code</b>	CSB-EP866296HU
<b>Relevance</b>	E3 ubiquitin ligase acting as a negative regulator of innate immune signaling. Inhibits activation of NF-kappa-B mediated by TNF. Negatively regulates TLR3/4- and RIG-I-mediated IRF3 activation and subsequent IFNB1 production and cellular antiviral response by promoting 'Lys-48'-linked polyubiquitination of TNK1 leading to its proteasomal degradation. Involved in response to genotoxic lesions during genome replication. Promotes H2AX and RPA2 phosphorylation after replication-associated DNA damage and assists fork progression at UV-induced replication-blocking lesions during S phase. Has also been proposed to play a role in promoting translesion synthesis by mediating the assembly of 'Lys-63'-linked poly-ubiquitin chains on the Y-family polymerase POLN in order to facilitate bypass of DNA lesions and preserve genomic integrity. The function in translesion synthesis is controversial
<b>Abbreviation</b>	Recombinant Human TRAIP protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9BWF2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	<p> MPIRALCTICSDFFDHSDVAAIHCGHTFHLQCLIQWFETAPSRTCPQCRIQVG  KRTIINKLFFDLAQEEENVLDAEFLKNELDNVRAQLSQDKKEKRDSQVIIDTLRD  TLEERNATVVSLLQALGKAEMLCSTLKKQMKYLEQQQDETQQAQEEARRLS  KMKTMEQIELLLQSQRPEVEEMIRDMGVGQSAVEQLAVYCVSLKKEYENLKEA  RKASGEVADKLRKDLFSSRSKLQTVYSELDQAKLELKSAQKDLQSADKEIMSL  KKKLTMLQETLNLPPVASETVDRVLVLESPAPVEVNLKLRRPSFRDDIDLNATFD  VDTPPARPSSSQHGYYEKLCLKESHSPIQDVPKKICKGPRKESQLSLGGQSCA  GEPDEELVGAFPIFVRNAILGQKQPKRPRSESSCSKDVVRTGFDGLGGRTKFI  QPTDTVMIRPLPVKPKTKVKQVRVKTVPVSLFQAKLDTFLWS </p>
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	TRAIP
<b>Protein Names</b>	RING finger protein 206 RING-type E3 ubiquitin transferase TRAIPCurated TRAF-interacting protein RNF206, TRIP
<b>Expression Region</b>	1-469aa

