Active Recombinant Human TP53, His-tagged

Cat. No. TP53-611H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TP53 (Accession # NP_000537) , fused with an N-terminal Ser-Tyr-Tyr and 6-His tag, was produced in E. coli-derived.
Species	Human
Source	E.coli
Form	Supplied as a solution in HEPES, NaCl, and Glycerol.
Bio-activity	Recombinant Human His6-p53 is ideal for use as a control substrate for in vitro Ubiquitin conjugation. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human His6-p53 concentration of 0.5-2.5 μM.
Molecular Mass	Recombinant Human TP53, His-tagged has a calculated MW of 45 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

GENE INFORMATION

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Gene Name	PPP3CA protein phosphatase 3, catalytic subunit, alpha isozyme [Homo sapiens]
Official Symbol	PPP3CA
Synonyms	PPP3CA; protein phosphatase 3, catalytic subunit, alpha isozyme; CALN, CALNA, protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform , protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha); serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; calcineurin A alpha; CNA1; PPP2B; protein phosphatase 2B; catalytic subunit; alpha isoform; CAM-PRP catalytic subunit; calmodulin-dependent calcineurin A subunit alpha isoform; protein phosphatase 2B, catalytic subunit, alpha isoform; protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform; CALN; CCN1; CALNA; CALNA1;
Gene ID	5530
mRNA Refseq	NM_000944
Protein Refseq	NP_000935
MIM	114105
UniProt ID	Q08209
Chromosome Location	4q24

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