

Recombinant Human Tyrosine Kinase, Non-receptor, 1, GST-tagged

Cat. No. TNK1-701H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human TNK1, catalytic domain [106-390 amino acids] was expressed as N-terminal GST-fusion protein (58 kDa) using <i>baculovirus</i> expression system. GST-TNK1 was purified by using glutathione sepharose chromatography and gel filtration chromatography.
Species	Human
Source	Insect Cells
Protein Length	106-390 a.a.
Description	TNK1 is a nonreceptor tyrosine kinase. These kinases, like members of the SRC (MIM 190090) and JAK (see MIM 147795) families, mediate intracellular signaling downstream of receptor activation.
Purity	83 %. The purity was assessed by SDS-PAGE/CBB staining.
Storage Buffer	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5.
Storage	Store at -80°C. Avoid repeating freeze-thaws.

GENE INFORMATION

Gene Name	TNK1 tyrosine kinase, non-receptor, 1 [<i>Homo sapiens</i>]
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Synonyms	TNK1; tyrosine kinase, non-receptor, 1; MGC46193; non-receptor tyrosine-protein kinase TNK1; CD38 negative kinase 1; EC 2.7.10.2
Gene ID	8711
mRNA Refseq	NM_003985
Protein Refseq	NP_003976
MIM	608076
UniProt ID	Q13470
Chromosome Location	17p13.1
Function	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein tyrosine kinase activity; signal transducer activity; transferase activity

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