

Recombinant Human TAOK3 protein, GST-tagged

Cat. No. TAOK3-3668H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAOK3 protein(366-430 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	366-430 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	SMQEVMDESSSELVMMHDESTINSSSSVVHKKDHVFIRDEAGHGDP RPEPRPTQ SVQSQUALHYR
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name TAOK3 TAO kinase 3 [Homo sapiens]

Official Symbol TAOK3

Synonyms TAOK3; TAO kinase 3; serine/threonine-protein kinase TAO3; DPK; JIK; MAP3K18; hKFC-A; STE20-like kinase; JNK/SAPK-inhibitory kinase; jun kinase-inhibitory kinase; kinase from chicken homolog A; CTCL-associated antigen HD-CL-09; dendritic cell-derived protein kinase; thousand and one amino acid protein 3; cutaneous T-cell lymphoma-associated antigen HD-CL-09; FLJ31808; DKFZp666H245;

Gene ID 51347

mRNA Refseq NM_016281

Protein Refseq NP_057365

UniProt ID Q9H2K8

SDS-PAGE

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