Recombinant Human GSK3B Protein, DDK-tagged

Cat. No. GSK3B-120H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSK3B fused with DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	Insect Cells
Description	The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Form	50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol
Molecular Mass	47.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	GSK3B glycogen synthase kinase 3 beta [Homo sapiens]
Official Symbol	GSK3B
Synonyms	GSK3B; glycogen synthase kinase 3 beta; glycogen synthase kinase-3 beta; GSK-3 beta; GSK3beta isoform; serine/threonine-protein kinase GSK3B;
Gene ID	2932
mRNA Refseq	NM_002093
Protein Refseq	NP_002084
MIM	605004
UniProt ID	P49841

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