

Recombinant Human GSK3B Protein, MYC/DDK-tagged

Cat. No. GSK3B-2350H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human GSK3B protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
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.[provided by RefSeq, Sep 2009]
Form	25 mM Tris.HCl, pH 7.3, 100 mM 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	GSK3beta isoform; glycogen synthase kinase-3 beta; glycogen synthase kinase 3 beta
Gene ID	2932
mRNA Refseq	NM_001146156
Protein Refseq	NP_001139628
MIM	605004
UniProt ID	P49841

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