Recombinant Human GSK3B protein, His-tagged

Cat. No. GSK3B-416H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSK3B protein(NP_001139628)(355-433 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	355-433 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	ELRDPNVKLPNGRDTPALFNFTTQELSSNPPLATILIPPHARIQAAASTPTNATAASDA NTGDRGQTNNAASASASNST
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ɡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

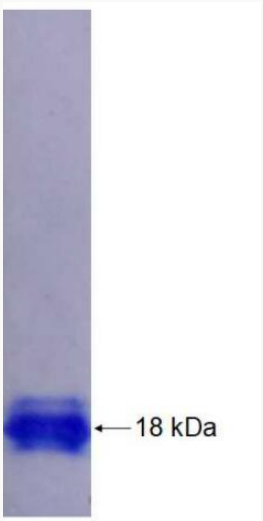
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	storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

GENE INFORMATION

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_001146156
Protein Refseq	NP_001139628
MIM	605004
UniProt ID	P49841

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SDS-PAGE	

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