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GSK-3β, human recombinant protein
GSK, Glycogen synthase kinase-3 (GSK-3)
Catalog # PBV10734r

Specification

GSK-3β, human recombinant protein - Product info

Primary Accession	P49841
Calculated MW	**53.0-56.0 kDa KDa**

GSK-3β, human recombinant protein - Additional Info

Gene ID	**2932**
Gene Symbol	**GSK3B**

Other Names
GSK, Glycogen synthase kinase-3 (GSK-3)

Gene Source	**Human**
Source	**E.coli**
Assay&Purity	**SDS-PAGE; ≥90%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**

Application Notes
Reconstitute to 1 mg/ml in PBS containing 15% glycerol. The solution should be stored at –70°C, stable for up to 3 months.

Format
Lyophilized powder

Storage
-70°C; Lyophilized from 2 mg/ml in 0.1 M NH4CO3

GSK-3β, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GSK-3β, human recombinant protein - Images

GSK-3β, human recombinant protein - Background

Glycogen synthase kinase-3 (GSK-3) is a serine/theronine kinase that was first characterized by its

role in intermediary metabolism. In mammals, serine kinase is encoded by two related genes called GSK-3α (51 kDa) and GSK-3β (46 kDa). GSK-3 has been implicated in the regulation of the c-JuP-1 transcription factor and other intracellular signaling pathways.

GSK-3β, human recombinant protein - References

Stambolic V.,et al.Biochem. J. 303:701-704(1994).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Lau K.F.,et al.Genomics 60:121-128(1999).
Rhoads A.R.,et al.Mol. Psychiatry 4:437-442(1999).
Boyle W.J.,et al.Cell 64:573-584(1991).