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c-Jun (1-79)-GST Fusion Protein recombinant protein

c-Jun

Catalog # PBV10732r

Specification

c-Jun (1-79)-GST Fusion Protein recombinant protein - Product info

Primary Accession	P05412
Concentration	2
Calculated MW	37.0 kDa KDa

c-Jun (1-79)-GST Fusion Protein recombinant protein - Additional Info

Gene ID	3725
Gene Symbol	JUN; AP1; c-Jun

Other Names

Transcription factor AP-1, (Activator protein 1) (AP1) (Proto-oncogene c-Jun) (V-jun avian sarcoma virus 17 oncogene homolog) (p39)

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

Format

Liquid

Storage

-20°C; 2 mg/ml in storage buffer containing 20 mM Tris-HCl (pH 7.5), 50 mM NaCl, 2 mM EDTA, 1 mM DTT, and 50% glycerol.

c-Jun (1-79)-GST Fusion Protein 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

c-Jun (1-79)-GST Fusion Protein recombinant protein - Images

c-Jun (1-79)-GST Fusion Protein recombinant protein - Background

c-Jun is a component of the transcription factor AP-1 that binds and activates transcription at TRE/AP-1 elements. The transcriptional activity of c-Jun is regulated by phosphorylation at Ser63

and Ser73. Extracellular signals including growth factors, transforming oncoproteins, and UV irradiation stimulate phosphorylation of c-Jun at Ser63/73 and activate c-Jun dependent transcription. The MAP kinase homologue, JNK, binds to the N-terminal region of c-Jun and phosphorylates c-Jun at Ser63/73. The activity of JNK is stimulated by the same signals that activates c-Jun.