

**c-Jun protein**

<b>Catalog No :</b>	YD0022
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;SDS-PAGE
<b>Gene Name :</b>	JUN
<b>Protein Name :</b>	Transcription factor AP-1;jun;c-jun[?]AP-1
<b>Sequence :</b>	Amino acid: 1-127, with his-MBP tag.
<b>Human Gene Id :</b>	3725
<b>Human Swiss Prot No :</b>	P05412
<b>Formulation :</b>	Liquid in PBS
<b>Source :</b>	E.coli
<b>Dilution :</b>	WB 1:500-2000
<b>Concentration :</b>	SDS-PAGE >90%
<b>Storage Stability :</b>	-20°C/6 month,-80°C for long storage
<b>Background :</b>	<p>P05427 glucosyltransferase-SI(gtfC) Streptococcus mutans UA159 catalytic activity:Sucrose + ((1-&gt;6)-alpha-D-glucosyl)(n) = D-fructose + ((1-&gt;6)-alpha-D-glucosyl)(n+1).,function:Production of extracellular glucans, that are thought to play a key role in the development of the dental plaque because of their ability to adhere to smooth surfaces and mediate the aggregation of bacterial cells and food debris.,miscellaneous:GTF-I synthesizes water-insoluble glucans (alpha 1,3-linked glucose and some 1,6 linkages), GTF-S synthesizes water-soluble glucans (alpha 1,6-glucose). GTF-SI synthesizes both forms of glucans.,similarity:Belongs to the glycosyl hydrolase 70 family.,similarity:Contains 11 cell wall-binding repeats.,</p>
<b>Function :</b>	polysaccharide biosynthetic process, polysaccharide metabolic process, cellular glucan metabolic process, glucan biosynthetic process, carbohydrate

biosynthetic process, cellular polysaccharide biosynthetic process, cellular carbohydrate biosynthetic process, glucan metabolic process, cellular polysaccharide metabolic process,

**Subcellular Location :**

Nucleus.

**Expression :**

Expressed in the developing and adult prostate and prostate cancer cells.

## Products Images

