CREATIVE BIOMART®
Microbe

Recombinant Saccharomyces Cerevisiae POL30 Protein (1-258 aa), His-SUMO-tagged

SPECIFICATION

Cat.No.	POL30-1760S
Species	Saccharomyces cerevisiae
Product Name	Recombinant Saccharomyces Cerevisiae POL30 Protein (1-258 aa), His-SUMO-tagged
Product Overview	Recombinant Saccharomyces Cerevisiae (strain ATCC 204508/S288c) (Baker's yeast) POL30 Protein (1-258 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Description	This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand. Involved in DNA repair.
Source	E. coli
Tag	His/SUMO
Form	Tris-based buffer,50% glycerol
Molecular Mass	44.9 kDa
AA Sequence	MLEAKFEEASLFKRIIDGFKDCVQLVNFQCKEDGIIAQAVDDSRVLLVSLEIGVEAFQE YRCDHPVTLGMDLTSLSKILRCGNNTDTLTLIADNTPDSIILLFEDTKKDRIAEYSLKLM DIDADFLKIEELQYDSTLSLPSSEFSKIVRDLSQLSDSINIMITKETIKFVADGDIGSGSVII KPFVDMEHPETSIKLEMDQPVDLTFGAKYLLDIIKGSSLSDRVGIRLSSEAPALFQFDL KSGFLQFFLAPKFNDEE
Purity	> 90% as determined by SDS-PAGE.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Synonyms	POL30; PCNA;

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UniProt ID	P15873
Protein length	1-258 aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
Sequence	MLEAKFEEASLFKRIIDGFKDCVQLVNFQCKEDGIIAQAVDDSRVLLVSLEIGVEAFQE YRCDHPVTLGMDLTSLSKILRCGNNTDTLTLIADNTPDSIILLFEDTKKDRIAEYSLKLM DIDADFLKIEELQYDSTLSLPSSEFSKIVRDLSQLSDSINIMITKETIKFVADGDIGSGSVII KPFVDMEHPETSIKLEMDQPVDLTFGAKYLLDIIKGSSLSDRVGIRLSSEAPALFQFDL KSGFLQFFLAPKFNDEE

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