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Ubiquitin B Protein (UBB) (GST-His-Tag)



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Overview	
Quantity:	50 μg
Target:	Ubiquitin B (UBB)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ubiquitin B protein is labelled with GST-His-Tag.
Product Details	
Purpose:	Recombinant Human Polyubiquitin-B/UBB Protein (GST&His Tag)
Sequence:	Met 153-Gly228
Characteristics:	Recombinant Human Poly-Ubiquitin chains is produced by our E.coli expression system and the target gene encoding Met153-Gly228 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Target Details	
Target:	Ubiquitin B (UBB)
Alternative Name:	Polyubiquitin-B/UBB (UBB Products)
Background:	Background: Polyubiquitin-B(UBB) is one of Ubiquitins. Ubiquitin is one of the most conserved proteins known in eukaryotic organisms. Ubiquitin is required for ATP-dependent, non-lysosomal intracellular protein degradation of abnormal proteins and normal proteins with a

Target Details

	rapid turnover. Ubiquitin is covalently bound to proteins to be degraded, and presumably labels these proteins for degradation. Synonym: Polyubiquitin-B,UBB
Molecular Weight:	9.4 kDa
UniProt:	P0CG47
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Mitotic G1-G1/S Phases, DNA Replication, Toll-Like Receptors Cascades, Synthesis of DNA, Autophagy, EGFR Downregulation, Ubiquitin Proteasome Pathway

Application Details

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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
	Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted
	samples are stable at < -20°C for 3 months.