Recombinant Human XBP1 protein, His-tagged

Cat. No. XBP1-1571H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human XBP1 protein(167-261 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	167-261 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LRLRAPLQQVQAQLSPLQNISPWILAVLTLQIQSLISCWAFWTTWTQSCSSNALPQS LPAWRSSQRSTQKDPVPYQPPFLCQWGRHQPSWKPLMN
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent

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	experiments, it is recommended to add an equal volume of glycerol for long-term storage.

GENE INFORMATION

Gene Name	XBP1 X-box binding protein 1 [Homo sapiens]
Official Symbol	XBP1
Synonyms	XBP1; X-box binding protein 1; XBP2; X-box-binding protein 1; tax-responsive element-binding protein 5; TREB5; XBP-1
Gene ID	7494
mRNA Refseq	NM_001079539
Protein Refseq	NP_001073007
MIM	194355
UniProt ID	P17861

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SDS-PAGE	

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