

Recombinant Human IL1B protein, GST-tagged

Cat. No. IL1B-14167H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1B protein(1-269 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-269 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
Purity	85%, 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 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.
AA Sequence	MAEVP ELASEMMAY YSGNEDDLFF EADGPKQMKCSFQDL DLCPLDGGIQLRISDHH

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YSKGFRQAASVVVAMDKLRKMLVPCPQTFQENDLSTFFPFIFEEPIFFDTWDNEAY
VHDAPVRSLNCTLRDSQQKSLVMSGPYELKALHLQGQDMEQQVVFMSFVQGEES
NDKIPVALGLKEKNLYLSCVLKDDKPTLQLESVDPKNYPKKKMEKRFFVFNKIEINNKL
EFESAQFPNWWYISTSQAENMPVFLGGTKGGQDITDFTMQFVSS

GENE INFORMATION

Gene Name	IL1B interleukin 1, beta [Homo sapiens]
Official Symbol	IL1B
Synonyms	IL1B; interleukin 1, beta; interleukin-1 beta; IL 1B; IL1 BETA; IL1F2; IL-1 beta; catabolin; preinterleukin 1 beta; pro-interleukin-1-beta; IL-1; IL1-BETA;
Gene ID	3553
mRNA Refseq	NM_000576
Protein Refseq	NP_000567
MIM	147720
UniProt ID	P01584

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SDS-PAGE



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