Recombinant Human BLM Protein, GST-tagged

Cat. No. BLM-241H **Lot. No.** (See product label)

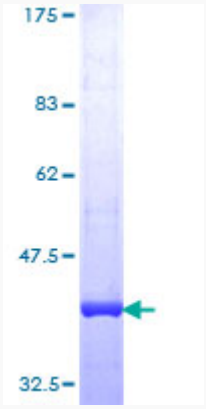
SPECIFICATION

Product Overview	Human BLM partial ORF (NP_000048, 1196 a.a. - 1295 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The Bloom syndrome gene product is related to the RecQ subset of DExH box-containing DNA helicases and has both DNA-stimulated ATPase and ATP-dependent DNA helicase activities. Mutations causing Bloom syndrome delete or alter helicase motifs and may disable the 3-5 helicase activity. The normal protein may act to suppress inappropriate recombination.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.74 kDa
AA Sequence	SSVKKQKALVAKVSQREEMVKKCLGELTEVCKSLGKVFGVHYFNIFNTVTLKKLAES LSSDPEVLLQIDGVTEDKLEKYGAEVISVLQKYSEWTSPAEDS
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	BLM Bloom syndrome, RecQ helicase-like [Homo sapiens]
Official Symbol	BLM
Synonyms	BLM; Bloom syndrome, RecQ helicase-like; Bloom syndrome; Bloom syndrome protein; BS; RECQ2; RECQL3; recQ protein-like 3; DNA helicase, RecQ-like type 2; RECQL2; MGC126616; MGC131618; MGC131620;
Gene ID	641
mRNA Refseq	NM_000057
Protein Refseq	NP_000048
MIM	604610
UniProt ID	P54132



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