

Recombinant Full Length Human COBRA1 Protein, GST-tagged

Cat. No. COBRA1-2006HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COBRA1 full-length ORF (AAH11892, 1 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	475 amino acids
Description	NELFB is a subunit of negative elongation factor (NELF), which also includes NELFA (WHSC2; MIM 606026), either NELFC or NELFD (TH1L; MIM 605297), and NELFE (RDBP; MIM 154040). NELF acts with DRB sensitivity-inducing factor (DSIF), a heterodimer of SPT4 (SUPT4H1; MIM 603555) and SPT5 (SUPT5H; MIM 602102), to cause transcriptional pausing of RNA polymerase II (see MIM 180660) (Narita et al., 2003 [PubMed 12612062]).[supplied by OMIM, Mar 2008]
Molecular Mass	77.99 kDa
AA Sequence	MPSLQPVVMCVMKHLPKVPEKKLKLVMADKELYRACAVEVKRQIWQDNQALFGDE VSPLLKQYILEKESALFSTELSVLHNFFSPSPKTRRQGEVVQRLTRMVGKNVKLYDM VLQFLRTLFLRTRNVHYCTLRAELLSLHDLVDGEICTVDPCHKFTWCLDACIRERFV DSKRARELQGFLDGVKKGQEQLVGLDLSMILCDPFAINTLALSTVRHLQELVGQETLP RDSPDLLLLRLALGQGAWDMIDSQVFKEPKMEVELITRFLPMLMSFLVDDYTFNV DQKLPAEEKAPVSYPTNLPESFTKFLQEQRMACEVGLYYVLHITKQRNKNALLRLLP

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GLVETFGDLAFGDIFLHLLTGNLALLADEFALEDFCSSLFDGFFLTASPRKENVHRHA
LRLLIHLHPRVAPSKLEALQKALEPTGQSGEAVKELYSQLGEKLEQLDHRKPSPAQA
AETPALELPLPSVPAPAPL

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

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.

GENE INFORMATION

Gene Name

NELFB negative elongation factor complex member B [Homo sapiens (human)]

Official Symbol

COBRA1

Synonyms

COBRA1; cofactor of BRCA1; negative elongation factor B; KIAA1182; NELF B;
negative elongation factor protein B; NELFB; NELF-B; RP13-122B23.3;
DKFZp586B0519

Gene ID

25920

mRNA Refseq

NM_015456

Protein Refseq

NP_056271

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MIM	611180
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UniProt ID	Q8WX92
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