

Recombinant Human NAIP Protein, GST-tagged

Cat. No. NAIP-225H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BIRC1 partial ORF (NP_004527, 1294 a.a. - 1403 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region contains at least four genes and repetitive elements which make it prone to rearrangements and deletions. The repetitiveness and complexity of the sequence have also caused difficulty in determining the organization of this genomic region. This copy of the gene is full length; additional copies with truncations and internal deletions are also present in this region of chromosome 5q13. It is thought that this gene is a modifier of spinal muscular atrophy caused by mutations in a neighboring gene, SMN1. The protein encoded by this gene contains regions of homology to two baculovirus inhibitor of apoptosis proteins, and it is able to suppress apoptosis induced by various signals. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	37.84 kDa
AA Sequence	LENLKLSINHKITEEGYRNFFQALDNMPNLQELDISRHFTECIKAQATTVKSLSQCVLR LPRLIRLNMLSWLLDADDIALLNVMKERHPQSKYLTILQKWILPFSPIIQK

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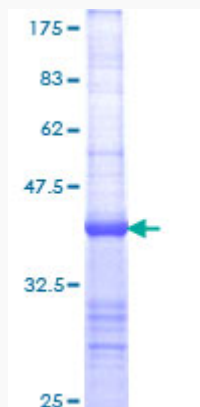
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	NAIP NLR family, apoptosis inhibitory protein [Homo sapiens]
Official Symbol	NAIP
Synonyms	NAIP; NLR family, apoptosis inhibitory protein; baculoviral IAP repeat containing 1 , BIRC1; baculoviral IAP repeat-containing protein 1; NLR family; BIR domain containing 1; NLRB1; nucleotide binding oligomerization domain; leucine rich repeat and BIR domain containing 1; neuronal apoptosis inhibitory protein; psi neuronal apoptosis inhibitory protein; nucleotide-binding oligomerization domain, leucine rich repeat and BIR domain containing 1; BIRC1; psiNAIP; FLJ18088; FLJ42520; FLJ58811;
Gene ID	4671
mRNA Refseq	NM_004536
Protein Refseq	NP_004527
MIM	600355
UniProt ID	Q13075

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