Recombinant Full Length Human NAT8L Protein, GST-tagged

Cat. No. NAT8L-739HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NAT8L full-length ORF (NP_848652.1, 1 a.a. - 134 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	134 amino acids
Description	This gene encodes a single-pass membrane protein, which contains a conserved sequence of the GCN5 or NAT superfamily of N-acetyltransferases and is a member of the N-acyltransferase (NAT) superfamily. This protein is a neuron-specific protein and is the N-acetylaspartate (NAA) biosynthetic enzyme, catalyzing the NAA synthesis from L-aspartate and acetyl-CoA. NAA is a major storage and transport form of acetyl coenzyme A specific to the nervous system. The gene mutation results in primary NAA deficiency (hypoacetylaspartia).
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	41.5 kDa
AA Sequence	MADIEQYYMK PPGSCFWVAV LDGNVVGIVA ARAHEEDNTV ELLRMSVDSR FRGKGIAKAL GRKVLEFAVV HNYSAVVLGT TAVKVAAHKL YESLGFRHMG ASDHYVLPGM TLSLAERLFF QVRYHRYRLQ LREE

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NAT8L N-acetyltransferase 8 like [Homo sapiens (human)]
Official Symbol	NAT8L
Synonyms	CML3; NACED; NAT8-LIKE; NAT8L; FLJ37478
Gene ID	339983
mRNA Refseq	NM_178557.3
Protein Refseq	NP_848652.2
MIM	610647
UniProt ID	Q8N9F0

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