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Datasheet for ABIN7197719 RNASET2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	RNASET2
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNASET2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human RNASET2 Protein (Baculovirus, His Tag)
Sequence:	Met 1-His 256
Characteristics:	A DNA sequence encoding the human RNASET2 isoform 1 (000584-1) (Met 1-His 256) was fused with a polyhistidine tag at the C-terminus.
Purity:	> 98 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	RNASET2
Alternative Name:	RNASET2 (RNASET2 Products)
Background:	Background: RNASET2 (ribonuclease T2) is an enzyme which belongs to the RNase T2 family. It is highly expressed in the temporal lobe and fetal brain. RNASET2 gene is a novel member of the Rh/T2/S-glycoprotein class of extracellular ribonucleases. It is a single copy gene that

Target Details

maps to 6q27, a region associated with human malignancies and chromosomal rearrangement. Defects in RNASET2 are the cause of leukoencephalopathy cystic without megalencephaly. An infantile-onset syndrome of cerebral leukoencephalopathy. Affected newborns develop microcephaly and neurologic abnormalities including psychomotor impairment, seizures and sensorineural hearing impairment. The brain shows multifocal white matter lesions, anterior temporal lobe subcortical cysts, pericystic abnormal myelination, ventriculomegaly and intracranial calcifications.

Synonym: Ribonuclease T2,3.1.27.-,Ribonuclease 6,RNASE6PL

Molecular Weight: 28.5 kDa

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 10 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.