DATASHEET

Phosphorylated Recombinant Human Tau Protein

CAT. NO. AXP6627

KEY FEATURES

Target	MAPT	Expression Systems	Escherichia coli
Species	Human	Tag	C-His
Modification	Phosphorylation	Storage	-20°C

BACKGROUND

This gene encodes the microtubule-associated protein tau (MAPT) whose transcript undergoes complex, regulated alternative splicing, giving rise to several mRNA species. MAPT transcripts are differentially expressed in the nervous system, depending on stage of neuronal maturation and neuron type. MAPT gene mutations have been associated with several neurodegenerative disorders such as Alzheimer's disease, Pick's disease, frontotemporal dementia, cortico-basal degeneration and progressive supranuclear palsy. [provided by RefSeq, Jul 2008]. This supplementary information is collated from multiple sources and compiled automatically.

OVERVIEW

Product name	Phosphorylated Recombinant Human Tau Protein
Protein name	Microtubule-associated protein tau
Molecular Weight	47 kDa
Modification	Phosphorylation
Purification	6xHis at C-terminus
Usage	This product is validated for use as an immunogen and as a reagent in immunological assays
Form/Buffer	Liquid; Phosphate buffered saline
Organism	Homo sapiens (Human)
Alternative Names	Neurofibrillary tangle protein; Paired helical filament-tau (PHF-tau)
Gene Symbol	MAPT
Entrez Gene	4137
SwissProt	P10636

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DATA



The purified product was run on 15% SDS-PAGE at reducing conditions. The gel was stained with Coomassie brilliant blue and destained.

STORAGE

Shipped on dry ice.

Avoid repeated freeze-thaw cycles. Upon receipt,

* 2 days when stored at 2 to 8 °C

* 12 months when aliquoted and stored at -20 °C or below

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

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