DATASHEET

Recombinant Human p-Tau231 Protein

CAT. NO. AXP6622

KEY FEATURES

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

BACKGROUND

pTau231 is a phosphorylated form of tau protein that is a promising biomarker for early Alzheimer's disease (AD). It is an indicator of incipient amyloid-beta pathology and can be measured in blood plasma, making it useful for early detection, differentiating AD from other neurodegenerative disorders, and identifying people for clinical trials. Elevated levels correlate with cognitive and neuropathological severity, and it can detect AD changes years before clinical symptoms appear. This supplementary information is collated from multiple sources and compiled automatically.

OVERVIEW

Product name	Recombinant Human p-Tau231 Protein
Protein name	Microtubule-associated protein tau
Molecular Weight	48 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

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

DATASHEET

Recombinant Human p-Tau231 Protein

CAT. NO. AXP6622

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.

More information: www.arexbio.com