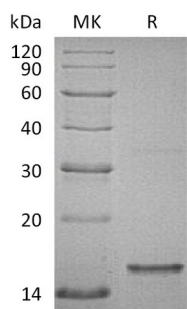


概述 (Summary)

英文全称	Tau-D/Microtubule-associated protein tau-D
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Microtubule-Associated Protein Tau-D is produced by our E.coli expression system and the target gene encoding Gln249-Gln381 is expressed with a 6His tag at the C-terminus.
Accession #	P10636-6
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	15.37 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, 1mM PMSF, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human Tau-D (C-6His)
Catalog #: PEH1605



背景 (Background)

分子别名 (Alternative Names)

Microtubule-Associated Protein Tau; Neurofibrillary Tangle Protein; Paired Helical Filament-Tau; PHF-Tau; MAPT; MAPTL; MTBT1; TAU

背景介绍 (References)

Microtubule-Associated Protein TAU is abundantly expressed in neurons of the central nervous system and less commonly expressed elsewhere, but is also expressed at very low levels in CNS astrocytes and oligodendrocytes. Tau interacts with tubulin to stabilize microtubules and promotes tubulin assembly into microtubules. The C-terminus of TAU binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau acts as a linker protein. When tau is defective, and no longer stabilize microtubules properly, it can result in dementias such as Alzheimers disease and other tauopathies.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.