

Tyrosine Hydroxylase Mouse Recombinant

Item Number	rAP-1204
Synonyms	Tyrosine 3-monoxygenase, Tyrosine 3-hydroxylase, TH.
Description	TH Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 507 amino acids (1-498a.a.) and having a molecular mass of 57.0kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).
Uniprot Accession Number	P24529
Amino Acid Sequence	ADPMPTPSAS SPQPKGFERRA VSEQDTKQAE AVTSPRFGR RQSLIEDARK EREAAAAAAA AAVASAEPGN PLEAVVFEER DGNVNLNLLF SLRGTKPSSL SRALKVFETF EAKIHLETR PAQRPLAGSP HLEYFVRFEV PSGDLAALLS SVRRVSDDVR SAREDKVPWF PRKVELDKC HHLVTKFDPD LDLDHPGFSD QAYRQRRLI AEIAFQYKQG EPIPH- VEYTK EEIATWKEVY ATLKGLYATH ACREHLEAFQ LLERYCGYRE DSIPQLEDVS HFLKERTGFQ
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	TH protein solution (0.25mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**