

Tachykinin-1 Human Recombinant

Item Number	rAP-4926
Synonyms	Protachykinin-1, PPT, TAC1, NKA, NKNA, TAC2, NK2, NPK, TAC2, Hs.2563.
Description	TAC1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 135 amino acids (20-129 a.a) and having a molecular mass of 15.6kDa.TAC1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P20366
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHEEIGA NDDLNYWSDW YSDQIKEEL PEPFEHLLQR IARRPKPQQF FGLMGKRDAD SSIEKQVALL KALYGHGQIS HKRHKTDSFV GLMGKRALNS VAYERSA- MQN YERRR.
Source	Escherichia Coli.
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	TAC1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 2M Urea. Greater than 95.0% 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**