

RASD Family Member 2 Human Recombinant

Item Number	rAP-4266
Synonyms	GTP-binding protein Rhes, Ras homolog enriched in striatum, TEM2, RASD2, Rhes, Tumor endothelial marker 2, RASD Family Member 2.
Description	RASD2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 289 amino acids (1-266 a.a) and having a molecular mass of 32.8 kDa. RASD2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q96D21
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMMLTLSS GNCTLSVPAK NSYRMVVLGA SRVGKSSIVS RFLNGRFEDQ YTPTIEDFHR KVYNIRGDMY QLDILDTSGN HPFPAMRRRLS ILTGDFVILV FSLDNRESFD EVKRLQKQIL EVKSCLKNKT KEAAELPMVI CGNKNDHGEL CRQVPTTEAE LLVSGDENCA YFEVSAKKNT NVDEMFYVLF SMAKLPHEMS PALHRKISVQ YGDAFHPRPF CMRRVKEMDA YG- MVSPFARR PSVNSDLKYI KAKVLREGQA RERDKCTIQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	RASD2 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol. Greater than 85.0% 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**