

## 32-13378: RASD2 Human

**Alternative Name :** GTP-binding protein Rhes, Ras homolog enriched in striatum, TEM2, RASD2, Rhes, Tumor endothelial marker 2, RASD Family Member 2.

### Description

Source: Escherichia Coli.

Sterile Filtered clear solution.

RASD Family Member 2 (RASD2) which binds to GTP and owns a GTPase activity is a part of the Ras super family of small GTPases. RASD2 regulates signaling pathways involving G-proteins-coupled receptor and heterotrimeric proteins. RASD2 encodes a Ras-related protein that enriched in striatum.

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.

### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Greater than 85.0% as determined by SDS-PAGE.

**Content :** RASD2 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMMKTLSS GNCTLSVPAK NSYRMVVLGA SRVGKSSIVS  
RFLNGRFEDQ YTPTIEDFHR KVVYNIIRGDMY QLDILDTSGN HPPFAMRRLS ILTGDFVILV FSLDNRESFD  
EVKRLQKQIL EVKSLKKNKT KEAAELPMVI CGNKNDHGEL CRQVPTTEAE LLVSGDENCA YFEVSAKKNT  
NVDEM FYVLF SMAKLPHEMS PALHRKISVQ YGDAFHPRPF CMRRVKEMDA YGMVSPFARR PSVNSDLKYI  
KAKVLREGQA RERDKCTIQ.