
Product Data Sheet

Product Name: RASD2 Human

Cat. No.: GP24343

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	GTP-binding protein Rhes; Ras homolog enriched in striatum; TEM2; RASD2; Rhes; Tumor endothelial marker 2; RASD Family Member 2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMMKTLSS GNCTLSVPAK NSYRMVVLGA SRVGKSSIVS RFLNGRFEDQ YTPTIEDFHR KVYNIRGDMY QLDILDTSGN HPFPAMRRLS ILTGDVFILV FSLDNRESFD EVKRLQKQIL EVKSCCLKNKT KEAAELPMVI CGNKNDHGEL CRQVPTTEAE LLVSGDENCA YFEVSACKNT NVDEMIFYVLF SMAKLPHEMS PALHRKISVQ YGDAFHPRPF CMRRVKEMDA YGMVSPFARR PSVNSDLKYI KAKVLREGQA RERDKCTIQ.		
Formulation	RASD2 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.		

Introduction

RASDFamily 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.

Stability

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA