

---

**Product Data Sheet**


---

Product Name: TRIB3 Human  
 Cat. No.: GP22645  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cell Growth Regulator With EF-Hand Domain 1; Cell GrowthRegulatory Gene 11 Protein; Hydrophobestin; CGR11; Cell Growth Regulator WithEF Hand Domain Protein 1; Cell Growth Regulator With EF Hand Domain 1; Tribbleshomolog 3.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMRATPLA APAGSLSRKK RLELDDNLDT ERPVQKRARS GPQRLPPCLLPLSPPTAPD RATAVATASR LGPYVLEPE EGGRAYQALH CPTGTEYTCK VYPVQEALAV LEPYARLPPHKHVARPTEVL AGTQLLYAFF TRTHGDMHSL VRSRHRIPPEP EAAVLFQRMA TALAHCHQHG LVLRDLKLCRFVFADRERKK LVLENLEDSC VLTGPDDSLW DKHACPAYVG PEILSSRASY SGKAADVWSL GVALFTMLAGHYPFQDSEPV LLFGKIRRGGA YALPAGLSAP ARCLVRCLLR REPAERLTAT GILLHPWLRQ DPMPLAPTRSHLWEAAQVVP DGLGLDEARE EEGDREVVLY G.		
Formulation	TRIB3 protein solution (0.25mg/ml) containing 20mMTris-HCl buffer (pH8.0) and 10% glycerol.		

**Introduction**

Tribbles Pseudokinase 3, also known as TRIB3, is a putative proteinkinase which is induced by the transcription factor NF-kappaB. In addition,TRIB3 is a negative regulator of NF-kappaB, and can as well sensitize cells toTNF- and TRAIL-induced apoptosis. Furthermore, TRIB3 is able to negativelyregulate the cell survival serine-threonine kinase AKT1. One of the diseaseswhich are associated with TRIB3 is anoxia.

**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%

**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

---

HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

TRIB3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 381 amino acids (1-358 a.a) and having a molecular mass of 42.0kDa. TRIB3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary 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**