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## Product Data Sheet

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Product Name: TPRKB Human  
 Cat. No.: GP24869  
 Batch No.: 1

### Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	TP53RK binding protein; PRPK-binding protein; PRPK (p53-related protein kinase)-binding protein; CGI-121.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMQLTHQ LDFPECRVT LLLFKDVKNA GDLRRKAMEG TIDGSLINPT VIVDPFQILV AANKAVHLYK LGKMKTRTLS TEIIFNLSPN NNISEALKKF GISANDTSIL IVYIEEGEKQ INQEYLISQV EGHQVSLKNL PEIMNITEVK KIKLSSQEE SIGTLLDAII CRMSTKDVL		
Formulation	The TPRKB solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 150mM NaCl and 10% glycerol.		

### Introduction

TPRKB is a member of the CGI121/TPRKB family. TPRKB is localized to nucleus and cytoplasm and is ubiquitously expressed. TPRKB is known to cooperate with TP53RK/PRPK.

### 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

TPRKB Human Recombinant produced E. coli is a single polypeptide chain containing 199 amino acids (1-175) and having a molecular mass of 22.2kDa. TPRKB is fused to a 24 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.**

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