

**Product:** Rab5a, human  
**Catalog #:** 01-2333  
**Amount:** 25 µg

**DESCRIPTION:** Rab5a is a member of RAS oncogene family. The small GTPase, Rab5a is a crucial regulatory component of the endocytic pathway. Activation of Rab5a is mediated by GDP-GTP exchange factors (GEFs) that generate the Rab5-GTP complex.

**Synonyms:**

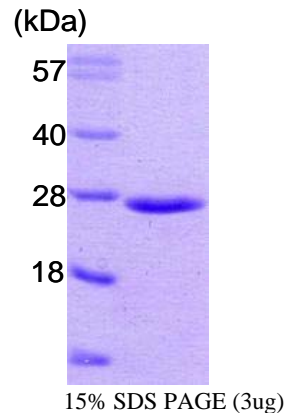
**AA Sequence:**

MASRGATRPN GPNTGNKICQ FKLVLGESA VGKSSLVLRV VKGQFHEFQE STIGAAFLTQ  
TVCLDDTTVK FEIWDTAGQE RYHSLAPMYR RGAQAIVVY DITNEESFAR AKNWVKELQR  
QASPNIVAL SGNKADLANK RAVDFQEAQS YADDNSLLFM ETSAKTSMNV NEIFMAIAKK  
LPKNEPQNPG ANSARGRGVD LTEPTQPTRN QCCSN

**SOURCE:** Recombinant E. coli expression system  
**MOLECULAR WEIGHT:** 23 kDa (215 aa)  
**PURITY:** ≥ 95% (SDS PAGE)  
**FORM:** Purified, in 20mM Tris-HCl pH8.0  
**CONCENTRATION:** 1 mg/ml  
**STORAGE:** -20°C (aliquot), Avoid repeated freeze and thaw cycles

**REFERENCE:**

Tan BK, *et al.*(2007) *J Clin Endocrinol Metab.* 92(7):2590-2597  
Yao-Borengasser A, *et al.*(2007) *J Clin Endocrinol Metab.* 92(7):2430-2432



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