



**RAB3D, 1-219aa, Human, His tag, E.coli**

**Cat.NO.: TP03641**

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3th Edition

**Synonyms:**Ras-related protein Rab-3D, GOV, RAB16

**Description:**Ras-related protein Rab-3D, also known as GOV, is a member of the Ras superfamily of small Rab GTPases. Rab proteins play an important role for, either in endocytosis or in biosynthetic protein transport. Rab3D mRNA is predominantly expressed in white adipose tissue and, coincident with GLUT4, increases upon differentiation of 3T3-L1 broblasts into insulin-responsive adipocytes.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.2M NaCl

**Molecular Weight:**26.4 kDa (239aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMASAGDTQAGPRDAADQNFDYMFKLLLIGNSSVGKTSFLFRYADDSFTPAFVSTV  
GIDFKVKTVYRHDKRIKLQIWDTAGQERYRTITTAYYRGAMGFLLMYDIANQESFAAVQDWATQIKTYSWDNAQVIL  
VGNKCDLEDERVVPAEDGRRLADDLGFEFFFEASAKENINVKQVFERLVDVICEKMNESLEPSSSSSGSNGKGPVAVG  
DAPAPQPSSCSC

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.