

**CHMP4A, 1-265aa, Human, His tag, E.coli**

**Cat.NO.: TP01609**

3th Edition

**Synonyms:**Chromatin modifying protein 4A, CHMP4, CHMP4B, HSPC134, SHAX2, SNF7, SNF7-1, VPS32-1, VPS32A.

**Description:**CHMP4A (Chromatin-modifying protein 4a) belongs to the SNF7 family and functions as chromatinmodifying proteins. It probable core component of the endosomal sorting required for transport complex III (ESCRTIII) which is involved in multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 50% glycerol, 200mM NaCl, 0.1mM PMSF, 1mM EDTA

**Molecular Weight:**32.0kDa (285aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMSRRRPEDGLGKAGPCVMRHHPRSKAEVWRTL RGGGGRGELAMSGLGRLFG  
KKGKKEKGPTPEEAIQKLKETEKILIKKQEFLEQKIQQELQTAKKYGTKNKRAALQALRRKKRFEQQLAQT DGT LSTLE  
FQREAIENATTNAEVLRTMELAAQSMKKAYQDMDIDKVDELMTDITEQQEVAQQISDAISRPMGFGDDVDEDELLE  
ELEEELEQEELAQELLNVGDKEEPPSVKLPSVPSTHLPAGPAPKVDEDEEALKQLAEWVS

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/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.