

CHMP5, 1-219aa, Human, His tag, E.coli

Cat.NO.: TP01610

3th Edition

Synonyms:Charged multivesicular body protein 5, C9orf83, CGI-34, HSPC177, PNAS-2, SNF7DC2, Vps60.

Description:CHMP5 belongs to the chromatin-modifying protein/charged multivesicular body protein (CHMP) family. These proteins are components of ESCRT-III (endosomal sorting complex required for transport III), a complex involved in degradation of surface receptor proteins and formation of endocytic multivesicular bodies (MVBs).

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol

Molecular Weight:27 kDa (243aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMNRLF GKAKPKAPPPSLTDCIGTVDSRAESIDKKISRLDAELVKYKDQIKKM
REGPAKNMVKQKALRVLKQKRMYEQQRDNLAQSFNMEQANYTIQSLKDTKTTVDAMKLGVKEMKKAYKQVKID
QIEDLQDQLEDMMEDANEIQEALSRSYGTPELDEDDLEALDALGDELLADEDSSYLDEAASAPAIPEGVPTDTKNK
DGVLVDEFGLPQIPAS

Purity:> 95% by HPLC

Concentration:0.25 mg/ml

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.