

# Recombinant Human Chromatin Modifying Protein 2A, His-tagged

**Cat. No.** CHMP2A-1396H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human CHMP2A protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. Mw = 27.2 kDa (242aa).
<b>Species</b>	Human
<b>Source</b>	<i>E.coli</i>
<b>Description</b>	CHMP2A, also known as chromatin modifying protein 2A, belongs to the SNF7 family and it is component of the ESCRT III complex, which is required for multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs. The MVB pathway mediates delivery of transmembrane proteins into the lumen of the lysosome for degradation.
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MDLLFGRRKT PEELLRQNQR ALNRAMRELD RERQKLETQE KKIADIKKM AKQGQMDAVR IMAKDLVRTR RYVRKFVLMR ANIQAVSLKI QTLKSNNSMA QAMKGVTAM GTMNRQLKLP QIQKIMMEFE RQAEIMDMKE EMMNDAIDDA MGDEEDEEES DAVVSQVLDE LGLSLTDELS NLPSTGGSL SVAAGGKKA EA AASALADADA DLEERLKNLR RD
<b>Form</b>	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1 M NaCl 1mM DTT, and 30% glycerol.
<b>Purity</b>	> 90% by SDS – PAGE.

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**Concentration** 1 mg/ml (determined by Bradford assay).

**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.

## GENE INFORMATION

**Gene Name** [CHMP2A chromatin modifying protein 2A \[ Homo sapiens \]](#)

**Synonyms** CHMP2A; chromatin modifying protein 2A; BC2; BC-2; VPS2; CHMP2; VPS2A; VPS2 homolog A; putative breast adenocarcinoma marker (32kD); CHMP2a; Vps2-1; hVps2-1; Chromatin-modifying protein 2a; Putative breast adenocarcinoma marker BC-2; Vacuolar protein-sorting-associated protein 2-1; VPS2 homolog A (S. cerevisiae)

**Gene ID** [27243](#)

**mRNA Refseq** [NM\\_014453](#)

**Protein Refseq** [NP\\_055268](#)

**MIM** [610893](#)

**UniProt ID** [O43633](#)

**Chromosome Location** 19q13.43

**Pathway** Endocytosis

**Function** protein domain specific binding

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