Recombinant Human CHMP2A, His-tagged

Cat. No. CHMP2A-26719TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CHMP2A, His-tagged at N terminal and expressed in E.coli.
Species	Human
Source	E.coli
Description	CHMP2A 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). Some CHMPs have both nuclear and cytoplasmic/vesicular distributions, and one such CHMP, CHMP1A (MIM 164010), is required for both MVB formation and regulation of cell cycle progression (Tsang et al.
Conjugation	HIS
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 30% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated

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	freeze / thaw cycles.
Full Length	Full L.

GENE INFORMATION

Gene Name	CHMP2A charged multivesicular body protein 2A [Homo sapiens]
Official Symbol	CHMP2A
Synonyms	CHMP2A; charged multivesicular body protein 2A; chromatin modifying protein 2A; charged multivesicular body protein 2a; BC 2; CHMP2; putative breast adenocarcinoma marker (32kD); VPS2; VPS2 homolog A (S. cerevisiae); VPS2A;
Gene ID	27243
mRNA Refseq	NM_014453
Protein Refseq	NP_055268
MIM	610893
Uniprot ID	O43633
Chromosome Location	19q13.43
Pathway	ESCRT-III complex, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex Required For Transport (ESCRT), organism-specific biosystem; Membrane Trafficking, organism-specific biosystem;

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Function	protein domain specific binding;

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