

CHMP2A recombinant protein

CHMP2A, 1-222aa, Human, His tag, E Coli

CATALOG # AAA11771	HOST E Coli	APPLICATIONS SDS-Page
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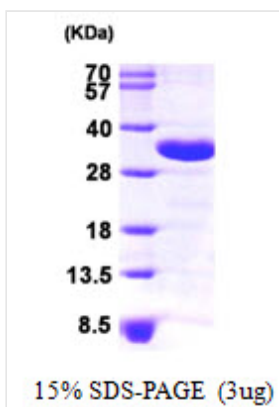
PRODUCT SYNONYMS

CHMP2A; 1-222aa; Human; His tag; E Coli; Chromatin modifying protein 2A; BC-2; BC2; CHMP2; VPS2; VPS2A; Chromatin modifying protein 2A Charged multivesicular body protein 2a Vps2 1; hVps2 1; putative breast adenocarcinoma marker; Putative breast adenocarcinoma marker BC2; Vacuolar protein sorting associated protein 2 1.; CHMP2A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 0.1 M NaCl 1mM DTT, and 30% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MDLLFGRRT PEELLRQNQR ALNRAMRELD RERQKLETQE KKIADIKKM AKQGQMDAVR IMAKDLVRTR RYVRKFVLMR ANIQAVSLKI QTLKSNN SMA QAMKGVTKAM GTMNRQLKLP QIQKIMMEFE RQAEIMDMKE EMMNDAIDDA MGDEEDEES DAVVSQVLDE LGLSLTDELS NLPSTGGSL S VAAGGKKA EA AASALADADA DLEERLKNLR RD
Sequence Length	222
Applicable Applications for CHMP2A recombinant protein	SDS-PAGE
Domain	1-222aa
Tag	His-Tag
Preparation and Storage	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for CHMP2A recombinant protein	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. Recombinant CHMP2A protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for CHMP2A recombinant protein	Metabolism
References	Lata S., et al. (2008) Science. 321 (5894):1354-7. ; Agromayor M., et al. (2006) J Biol Chem. 281 (32):23083-91.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	7656922
NCBI GeneID	27243
NCBI Accession #	NP_055268.1
NCBI GenBank Nucleotide #	NM_014453.3
UniProt Accession #	O43633; Q3ZTT0; B2R4W6
Molecular Weight	27.2 kDa (242aa), confirmed by MALDI-TOF.
NCBI Official Full Name	charged multivesicular body protein 2a
NCBI Official Synonym Full Names	charged multivesicular body protein 2A
NCBI Official Symbol	CHMP2A
NCBI Official Synonym Symbols	BC2; BC-2; VPS2; CHMP2; VPS2A
NCBI Protein Information	charged multivesicular body protein 2a
UniProt Protein Name	Charged multivesicular body protein 2a
UniProt Gene Name	CHMP2A
UniProt Synonym Gene Names	BC2; CHMP2; CHMP2a; Vps2-1; hVps2-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/chmp2a-recombinant-protein-e-coli-sds-page/11771>