



Human CHMP2B peptide (DAG-P0283)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a component of the heteromeric ESCRT-III complex (Endosomal Sorting Complex Required for Transport III) that functions in the recycling or degradation of cell surface receptors. ESCRT-III functions in the concentration and invagination of ubiquitinated endosomal cargos into intraluminal vesicles. The protein encoded by this gene is found as a monomer in the cytosol or as an oligomer in ESCRT-III complexes on endosomal membranes. It is expressed in neurons of all major regions of the brain. Mutations in this gene result in one form of familial frontotemporal lobar degeneration. [provided by RefSeq, Jul 2008]
Specificity	Widely expressed. Expressed in brain, heart, skeletal muscle, spleen, kidney, liver, small intestine, pancreas, lung, placenta and leukocytes. In brain, it is expressed in cerebellum, cerebral cortex, medulla, spinal chord, occipital lobe, frontal lobe, t
Conjugate	Unconjugated
Sequence Similarities	Belongs to the SNF7 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CHMP2B charged multivesicular body protein 2B [Homo sapiens (human)]
Official Symbol	CHMP2B
Synonyms	CHMP2B; charged multivesicular body protein 2B; DMT1; ALS17; VPS2B; VPS2-2; CHMP2.5; charged multivesicular body protein 2b; VPS2 homolog B; chromatin modifying protein 2B;

vacuolar protein-sorting-associated protein 2-2;

Entrez Gene ID	25978
mRNA Refseq	NM_001244644.1
Protein Refseq	NP_001231573.1
UniProt ID	B2RE76
Chromosome Location	3p11.2
Pathway	Budding and maturation of HIV virion, organism-specific biosystem; Disease, organism-specific biosystem; ESCRT-III complex, organism-specific biosystem; ESCRT-III complex, conserved biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex Required For Transport (ESCRT), organism-specific biosystem; HIV Infection, organism-specific biosystem; HIV Life Cycle, organism-specific biosystem; Late Phase of HIV Life Cycle, organism-specific biosyst
Function	protein domain specific binding;