



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; |
