

## Product datasheet for **LY415423**

### VAMP2 (NM\_014232) Human Over-expression Lysate

#### Product data:

<b>Product Type:</b>	Over-expression Lysates
<b>Description:</b>	Transient overexpression lysate of vesicle-associated membrane protein 2 (synaptobrevin 2) (VAMP2)
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	TrueORF Clone RC207533
<b>Tag:</b>	C-Myc/DDK
<b>Detection Antibodies:</b>	Clone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)
<b>ACCN:</b>	<u>NM_014232</u> , <u>NP_055047</u>
<b>Synonyms:</b>	NEDHAHM; SYB2; VAMP-2
<b>Predicted MW:</b>	12.7 kDa
<b>Components:</b>	1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)
<b>Storage:</b>	The lysate is shipped with dry ice. Upon receiving, store the sample at -80°C. Also after dilution, the protein sample should be aliquoted and stored at -80°C for long term storage. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. Lysate samples are stable for 12 months from the date of receipt when stored at -80°C.



<b>Preparation:</b>	HEK293T cells in 10-cm dishes were transiently transfected with <u>MegaTran</u> Transfection Reagent (TT200002) and 5ug <u>TrueORF</u> cDNA plasmid. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCl pH7.6, 150mM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PMSF and 1mM Na3VO4), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.).
<b>RefSeq:</b>	<u>NP_055047</u>
<b>Locus ID:</b>	6844
<b>Cytogenetics:</b>	17p13.1
<b>Protein Families:</b>	WB
<b>Protein Pathways:</b>	SNARE interactions in vesicular transport

**Product images:**

Western validation with an anti-DDK antibody  
\* L: Control HEK293 lysate R: Over-expression lysate