

#### OriGene Technologies, Inc.

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# Product datasheet for LY401462

#### Syntaxin 4 (STX4) (NM\_004604) Human Over-expression Lysate

### **Product data:**

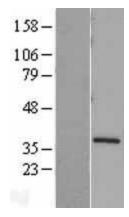
Description:Transient overexpression lysate of syntaxin 4 (STX4)Species:HumanExpression Host:HEK293TExpression cDNA form or AA Sequence:TrueORF Clone RC200347Tag:C-Myc/DDKTag:Cone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 04604_NP_004595Synonyms:p35-2; STX4APredicted MW:34.2 kDaComponents:1 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 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCI pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)Storage: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 (4% SDS, 125mM Tris-HCI pH6.8, 10%) Glycerol, 0.002% Bromophenol blue, 100mM DTT)Preparation:HEK293T cells in 10-cm dishes were transiently transfected with MegaTran Transfection Reagent (TT20002) and Sug <u>TrueORE</u> CDNA plasmid, transfected cells were cultured for Alsns before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCI pH6.8, 150m) 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.). Cell lysates were aliquoted ant stored at -20°C before shipping.RefSeq:M204595Locus ID:6810	Product Type:	Over-expression Lysates
Expression Host:HEK293TExpression cDNA CloneTrueORF Clone RC200347Tag:C-Myc/DDKDetection Antibodies:Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)ACCN:NM 004604 NP 004595Synonyms:p35-2; STX4APredicted MW:34.2 kDaComponents: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 100 µg whole HEK293T cell spate in RIPA buffer 1 vial of 100 µg whole HEK293T cell spate in RIPA buffer 2 sorophenol blue, 100mM DTTStorage: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 (Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer soroc.Preparation:HEK293T cells in 10-cm dishes were transiently transfected withMegaTran Transfection Reagent (TT200002) and Sug TrueORE cDNA plasmid. Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer (25mM Tris-HCI pH7.6, SomM NaCl, 1% NP-40, 1mM EDTA, 1xProteinase inhibitor cocktail mix (Sigma), 1mM PM53VGA), and then centrifityged to clarify the lysate. Protein concentration was measured by BCA kit (Thermo Scientific Inc.). Cell lysates were aliquoted and stored at -20°C before shipping.RefSer:NP 004595	Description:	Transient overexpression lysate of syntaxin 4 (STX4)
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Locus ID: 6810	RefSeq:	<u>NP 004595</u>
	Locus ID:	6810



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	Syntaxin 4 (STX4) (NM_004604) Human Over-expression Lysate – LY401462
Cytogenetics:	16p11.2
Protein Families	Druggable Genome, Transmembrane
Protein Pathway	s: SNARE interactions in vesicular transport

## Product images:



Western blot validation of overexpression lysate (Cat# LY401462) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC200347] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).

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