Product datasheet for LC408336

ORMDL3 (NM_139280) Human Over-expression Lysate

Product data:

Product Type: Over-expression Lysates  
Description: ORMLD3 HEK293T cell transient overexpression lysate (as WB positive control)  
Species: Human  
Expression Host: HEK293T  
Expression cDNA Clone or AA Sequence: TrueORF Clone RC202279  
Tag: C-Myc/DDK  
Detection Antibodies: Clone OT14C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)  
Accession Number: NM_139280, NP_644809  
Predicted MW: 17.5 kDa  
Components: 1 vial of 20 ug lyophilized gene specific transient over-expression cell lysate  
Storage: The lysate can be shipped at ambient temperature. Upon receiving, store the sample at -20°C. Lysate samples can be reconstituted with SDS Sample Buffer. Avoid repeated freeze-thaw cycles after reconstitution. Lysate samples are stable for 12 months from date of receipt when stored at -20°C.  
Preparation: HEK293T cells in 10-cm dishes were transiently transfected with MegaTran Transfection Reagent (TT200002) and 5ug TrueORF 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.). To facilitate transportation and protein, the products are supplied as lyophilized proteins.  
RefSeq: NP_644809  
Locus ID: 94103  
Cytogenetics: 17q21.1  
Protein Families: Transmembrane
Product images:

Western blot validation of overexpression lysate (Cat# [LY408336]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC202279] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).