

SEMA4B (NM_020210) Human Over-expression Lysate

Catalog Number: LS010509

Transient overexpression lysate of sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B (SEMA4B), transcript variant 1

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Overview

Product Name	SEMA4B (NM_020210) Human Over-expression Lysate
Reactive Species	Human
Description	Transient overexpression lysate of sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B (SEMA4B), transcript variant 1
Expression Host	HEK293T
Tag	C-Myc/DDK
Detection Antibodies	Clone OT14C5, Anti-DDK (FLAG) monoclonal antibody (M30971)
Components	For 100 µg, it contains two vials: 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 For 20 µg, it contains one vial: 1 vial of 20 µg lyophilized gene specific transient over-expression cell lysate
Storage Instructions	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.
Preparation	HEK293T cells in 10-cm dishes were transiently transfected with Transfection Reagent and 5µg 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, 1mM PMSF and 1mM

Na₃VO₄), and then centrifuged to clarify the lysate. Protein concentration was measured by BCA kit. Cell lysates were aliquoted and stored at -20°C before shipping.

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