

Recombinant Human TM4SF20 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TM4SF20-1875H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TM4SF20 MS Standard C13 and N15-labeled recombinant protein (NP_079071) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the four-transmembrane L6 superfamily. Members of this family function in various cellular processes including cell proliferation, motility, and adhesion via their interactions with integrins. In human brain tissue, this gene is expressed at high levels in the parietal lobe, occipital lobe, hippocampus, pons, white matter, corpus callosum, and cerebellum. Knockout of the homologous gene in mouse results in a neurobehavioral phenotype with suggested enhanced motor coordination. A deletion mutation in the human gene is associated with specific language impairment-5.
Molecular Mass	25.1 kDa
AA Sequence	MTCCEGWTSCNGFSLLVLLLLGVVLNVIPLIVSLVEEDQFSQNPISCFEWWFPGIIGA GLMAIPATTMSLTARKRACNNRTGMFLSSFFSVITVIGALYCMLISIQALLKGPLMCN SPSNSNANCEFSLKNISDIHPESFNLQWFFNDSCAPPTGFNKPTSNDTMASGWRAS SFHFDSEENKHRLIHFSVFLGLLLVGILEVLFGLSQIVIGFLGCLCGVSKRRSQIVTRT RPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

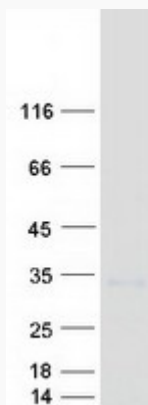
GENE INFORMATION

Gene Name	TM4SF20 transmembrane 4 L six family member 20 [Homo sapiens (human)]
Official Symbol	TM4SF20
Synonyms	TM4SF20; transmembrane 4 L six family member 20; transmembrane 4 L6 family member 20; FLJ22800; TCCE518; PRO994;
Gene ID	79853
mRNA Refseq	NM_024795
Protein Refseq	NP_079071
MIM	615404
UniProt ID	Q53R12

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SDS-PAGE

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