

PRODUCT DATA SHEET

Thermo Scientific™ TMTpro™-134C & TMTpro™-135N Label Reagents, 5mg

Product Number: A52046

Lot Number: YG373071

Form: TMTpro reagents are supplied dried, 5 mg/tube. Make a stock solution by reconstituting each tube with 200 µl dry acetonitrile.

Note: ** Reporter ion isotopic distributions (+1, +2) are primarily for natural carbon isotopes with reporter ion interference for each mass tag shown in parentheses. Incomplete stable isotope incorporation (-2, -1) are also reported for carbon and nitrogen isotopes. Reporter ion isotopic distributions can be used as isotope correction factors in TMTpro 18plex method template in Proteome Discoverer software version 2.4 and above.

****Reporter Ion Isotopic Distributions:**

Mass Tag	Reporter Ion Mass	-2		-1		M+	+1		+2	
		-2x 13C	-13C -15N	-13C	-15N	-	+15N	+13C	+15N +13C	+2x 13C
TMTpro-134C	134.154565	0.16%	N/A	5.81% (133C)	N/A	100%	0.39%	N/A (135C)	N/A	N/A
TMTpro-135N	135.151600	0.21%	0.04%	5.90% (134N)	0.74%	100%	N/A	N/A (136N)	N/A	N/A

Stability: Reagent is highly moisture sensitive. Product is guaranteed for one year from date of receipt in original, unopened packaging.

Storage: Store at -20°C

Products are under warranty for one year from the date of shipment unless otherwise stated on this document or the product label.

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