wt hMLN TFA

Cat. No.:	HY-P6013A
Molecular Formula:	$C_{245}H_{404}N_{54}O_{66}S..xC_2HF_3O_2$
Sequence:	Met-Thr-Gly-Lys-Asn-Trp-Ile-Leu-Ile-Ser-Thr-Thr-Thr-Pro-Lys-Ser-Leu-Glu-Asp-Glu-Ile-Val-Gly-Arg-Leu-Leu-Lys-Ile-Leu-Phe-Val-Ile-Phe-Val-Asp-Leu-Ile-Ser-Ile-Ile-Tyr-Val-Val-Ile-Thr-Ser (TFA salt)
Sequence Shortening:	MTGKNWILISTTTPKSLEDEIVGRLLKILFVIFVDLISIIYVVITS (TFA salt)
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

MTGKNWILISTTTPKSLEDEIVGRLLKILFVIFVDLISIIYVVITS (TFA salt)

BIOLOGICAL ACTIVITY

Description	wt hMLN (TFA) is a microprotein that inhibits of SR Ca^{2+} pump (SERCA). wt hMLN plays an important role in skeletal muscle calcium homeostasis[1].

REFERENCES

[1]. Alexis Boulinguiez, et al. NR1D1 controls skeletal muscle calcium homeostasis through myoregulin repression. JCI Insight. 2022 Sep 8; 7(17): e153584.

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