

Synthesized Human SMIM20 Peptide

Cat. No. SMIM20-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Synthesized Human SMIM20 CH ₃ COO ⁻ %: 6.476% CF ₃ COO ⁻ %: 0.592%
Species	Human
Source	Synthesized
ProteinLength	28-67 aa
Description	Involved in mitochondrial cytochrome c oxidase assembly. Located in mitochondrial inner membrane.
Form	Lyophilized material
Molecular Mass	Molecular Weight (by MS, [M+3H] ³⁺): 1560.70 Molecular Weight (by MS, [M+4H] ⁴⁺): 1170.90 Molecular Weight (by MS, [M+5H] ⁵⁺): 937.00 Molecular Weight (by MS, [M+6H] ⁶⁺): 781.00 Molecular Weight (by MS, [M+7H] ⁷⁺): 669.60 Molecular Weight (by MS, [M+8H] ⁸⁺): 586.05
AASequence	RPLMRLEEYKKEQAINRAGIVQEDVQPPGLKVWSDPFGRK
Endotoxin	< 1 EU/μg by LAL
Purity	96.92% (HPLC, 220 nm, C18, linear gradient)
Storage	Store at -20 centigrade.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Molecular formula	C209H337N61O59S1
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Molecule Mass	4680.35
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GENE INFORMATION

Gene Name	SMIM20 small integral membrane protein 20 [Homo sapiens (human)]
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Official Symbol	SMIM20
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Synonyms	SMIM20; small integral membrane protein 20; PNX; C4orf52; MITRAC7; small integral membrane protein 20; mitochondrial translation regulation assembly intermediate of cytochrome c oxidase protein of 7 kDa; phoenixin
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Gene ID	389203
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mRNA Refseq	NM_001394130
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Protein Refseq	NP_001381059
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MIM	617465
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UniProt ID	Q8N5G0
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