

Caspase Recruitment Domain Family, Member 18 Human Recombinant

Item Number	rAP-2965
Synonyms	Caspase recruitment domain family member 18, ICEBERG, pseudo-ICE, UNQ5804, Caspase-1 inhibitor Iceberg, ICEBERG caspase-1 inhibitor.
Description	CARD18 Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 110 amino acids (1-90) and having a molecular mass of 12.3kDa. CARD18 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P57730
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MADQLLRKKR RIFIHSVGAG TINALLDCLL EDEVISQEDM NKVRDENDTV MDKARVLIDL VTGKGPSCC KFIKHLCEED PQLASKMGLH
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The LSM3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**