

## Mouse TREM-1 SCHOOL peptide

Cat. No.:	HY-P10087
CAS No.:	1292755-24-8
Molecular Formula:	C <sub>46</sub> H <sub>78</sub> N <sub>10</sub> O <sub>12</sub>
Molecular Weight:	963.17
Sequence:	Gly-Leu-Leu-Ser-Lys-Ser-Leu-Val-Phe
Sequence Shortening:	GLLSKSLVF
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Mouse TREM-1 SCHOOL peptide (Mouse TREM-1(213-221), GF9) targets interactions between TREM-1 and its signaling partner DAP-12, and inhibits TREM-1 signaling. Mouse TREM-1 SCHOOL peptide has antitumor effect<sup>[1]</sup>.

### REFERENCES

[1]. Sigalov AB. A novel ligand-independent peptide inhibitor of TREM-1 suppresses tumor growth in human lung cancer xenografts and prolongs survival of mice with lipopolysaccharide-induced septic shock. *Int Immunopharmacol.* 2014 Jul;21(1):208-19.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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