TP508 Peptide

**Subcategory:** Synthetic Peptide  
**Cat. No.:** 350592  
**Unit:** 1 mg  

**Description:**  
TP508 Peptide is a 23-aa peptide that corresponds to aa508-530 of prothrombin, the high affinity receptor-binding region of thrombin. In clinical studies, TP508 peptide accelerates tissue repair in both soft and hard tissues by up-regulating genes involved in the healing process. It has been shown to improve healing in diabetic ulcers and fracture repair.

**Format:** Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

**Alternate Names:** TP508 peptide; Thrombin peptide; Prothrombin; Coagulation factor II; F2  
**Accession No.:** P00734  

**MW:** 2312.4 g/mol  
**Sequence:** Human: H-AGYKPDEGKRGDACEGDSGGPFV-OH  
**Composition:** C97H146N28O36S  
**Purity:** Purity > 95% by HPLC  
**Solubility:** Distilled water for a solution up to 5 mg/ml, otherwise we recommend using acetonitrile.

**Storage:** Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.