
AGEs

Catalog Number: bs-1158P

AA Seq: Purified native protein

Activity: Yes

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Form: Lyophilized or Liquid

Storage: PBS (pH=7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor. [provided by RefSeq, Jul 2016]

PRODUCT SPECIFIC PUBLICATIONS

[IF=23.2] Yibo Ma. et al. Metabolic reprogramming of fibroblast-like synoviocytes with a supramolecular nano-drug for osteoarthritis therapy. ADVANCED COMPOSITES AND HYBRID MATERIALS. 2025 Feb Other ; . 10.1007/s42114-025-01245-w

[IF=17.1] Zhengwen Cai. et al. Tetrahedral Framework Nucleic Acids Based Small Interfering RNA Targeting Receptor for Advanced Glycation End Products for Diabetic Complications Treatment. ACS NANO. 2023;XXXX(XXX):XXX-XXX Other ; . 37751401

[IF=15.8] Zhengwen Cai. et al. Gene-Activating Framework Nucleic Acid-Targeted Upregulating Sirtuin-1 to Modulate Osteoimmune Microenvironment for Diabetic Osteoporosis Therapeutics. ACS NANO. 2024;XXXX(XXX):XXX-XXX ; . 39689347

[IF=14.1] Zheng Zhong. et al. SUMOylation is a Translatable Target in Hypoxic MNPs Regulating Retinal Vasculopathy. ADV SCI. 2025 May;;e03505 ; . 40448612

[IF=12.8] Yang Sheng. et al. Advanced glycation end products promote meniscal calcification by activating

the mTOR-ATF4 positive feedback loop. EXP MOL MED. 2024 Mar;;1-16 Other ; . 38424194