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DATASHEET

Recombinant human PEDF/Serpin-F1 (His Tag) protein

Product overview

Name	Recombinant human PEDF/Serpin-F1 (His Tag) protein
Cat No	HB7135
Species of origin	human
Alternative names	Recombinant Human Pigment Epithelium-Derived Factor, His Tag, Pigment epithelium-derived factor, PEDF, Serpin-F1, SerpinF1, EPC-1, EPC1, PIG35.
Purity	>90%
Description	His Tag recombinant human PEDF/Serpin-F1 protein

Solubility & Handling

Handling	• Solutions should be made in sterile deionized water (not less than 100 µg/ml). This solution can then be further diluted with other aqueous solutions. • Following reconstitution, solutions may be stored at 4°C and are useable for around 2-7 days and for future use store at -18°C. • For long term storage, a carrier protein (0.1% HSA or BSA) should be added to stock solutions. Solutions should be aliquoted into tightly sealed vials for storage at -20°C. Freeze-thaw cycles should be prevented.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Source	E. Coli.
Appearance	Colourless solution (sterile filtered)
Formulation	Solution containing Tris-HCl buffer (20mM, pH 8.0), NaCl (100mM), and 20% glycerol

References

Pigment epithelium-derived factor (PEDF) is one of the most abundant proteins secreted by human adipocytes and induces insulin resistance and inflammatory signaling in muscle and fat cells

Famulla S *et al* (2011) Int J Obes (Lond) 35(6)
PubMedID 20938440

PEDF: a multifaceted neurotrophic factor

Tombran-Tink J *et al* (2003) Nat Rev Neurosci 4(8)
PubMedID 12894238

PEDF and its roles in physiological and pathological conditions: implication in diabetic and hypoxia-induced angiogenic diseases

He X *et al* (2015) Clin Sci (Lond) 128(11)
PubMedID 25881671