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DATASHEET

Recombinant human PEDF/Serpin-F1 (HEK expressed) protein

Product overview

Name	Recombinant human PEDF/Serpin-F1 (HEK expressed) protein
Cat No	HB7366
Species of origin	human
Alternative names	Recombinant Human Pigment Epithelium-Derived Factor, HEK, Pigment epithelium-derived factor, PEDF, Serpin-F1, SerpinF1, EPC-1, EPC1, PIG35.
Purity	>95%
Description	HEK expressed recombinant human PEDF/Serpin-F1 protein

Solubility & Handling

Solubility overview	To make a working stock solution, add deionized water to make a solution (0.5mg/mL) and allow the lyophilized material to dissolve. Filter the product using an appropriate sterile filter before using it in cell culture
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. • 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

UniProt ID	P36955
Source	HEK 293.
Appearance	White lyophilized powder (filtered & freeze-dried)
Formulation	Lyophilized from filtered (0.4µm) solution (0.5mg/ml) containing Tris (20mM) & NaCl pH 7.5 (20mM)

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

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PEDF: a multifaceted neurotrophic factor

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