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Datasheet for ABIN7505260
PPARGC1B Protein (AA 770-990) (His tag)

Overview

Quantity:	100 µg
Target:	PPARGC1B
Protein Characteristics:	AA 770-990
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPARGC1B protein is labelled with His tag.

Product Details

Sequence:	Leu 770-Tyr 990
Characteristics:	A DNA sequence encoding the Human PPARGC1B protein (Q86YN6) (Leu 770-Tyr 990) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	PPARGC1B
Alternative Name:	PPARGC1B (PPARGC1B Products)
Background:	Background: Involved in the biosynthesis of tetrahydrobiopterin, an essential cofactor of aromatic amino acid hydroxylases. Catalyzes the transformation of 7,8-dihydroneopterin triphosphate into 6-pyruvoyl tetrahydropterin. Synonym: 6-pyruvoyl tetrahydrobiopterin synthase,PTS,PTP synthase, PTPS

Target Details

Molecular Weight:	24.2 kDa
UniProt:	Q86YN6
Pathways:	AMPK Signaling , Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Lipid Metabolism by PPARalpha

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months