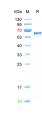


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Recombinant human PPARGC1A, N-Trx-His

Catalog Number:	bs-42280P
Concentration:	>1mg/ml
Species:	Human
AA Seq:	11-280/798
Predicted MW:	47.8
Tags:	N-Trx-His
Endotoxin:	Not analyzed
Purity:	>90% as determined by SDS-PAGE
Purification:	AC
Form:	Lyophilized or Liquid
Storage:	20mM Tris-HCl (pH8.0).
	Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.
Background:	The protein encoded by this gene is a transcriptional coactivator that regulates the genes
	involved in energy metabolism. This protein interacts with PPARgamma, which permits the
	interaction of this protein with multiple transcription factors. This protein can interact with,
	and regulate the activities of cAMP response element binding protein (CREB) and nuclear
	respiratory factors (NRFs). It provides a direct link between external physiological stimuli
	and the regulation of mitochondrial biogenesis, and is a major factor that regulates muscle
	fiber type determination. This protein may be also involved in controlling blood pressure,
	regulating cellular cholesterol homoeostasis, and the development of obesity (referenced
	from entrez gene.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.