

RPCB1862

Product Information

Product SKU:	RPCB1862	Gene ID:	55847	Size:	100µg
Tag:	N-His	Reactivity:	Human		

Additional Information

Expression Host:	E. coli	Swissprot:	Q9NZ45
Purity:	>90% as determined by SDS-PAGE		

Protein Information

Background: Mitochondrial dysfunction is thought to play a significant role in neurodegeneration observed in Parkinson's disease (PD), the loss of mitoNEET (CISD1), an iron-sulfur containing protein that regulates mitochondrial bioenergetics, results in mitochondrial dysfunction and loss of striatal dopamine and tyrosine hydroxylase. CDGSH iron sulfur domain 1 (CISD1, also termed mitoNEET), an iron-containing outer mitochondrial membrane protein, negatively regulates ferroptotic cancer cell death. At the cellular level, CISD1 gene expression increased during human adipocyte differentiation in correlation with adipogenic genes. Thus it is a possible role of CISD1 in obesity-associated dysfunctional adipogenesis in human VAT.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human CISD1 Protein, tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: Please contact us for more information.

Formulation: Lyophilized from a 0.22 µm filtered solution of 20 mM Tris, 150 mM NaCl, 10 % glycerol.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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