

- Are there currently any drugs that target SDH?


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Target Information

Target General Information

Target ID	T39811 (Former ID: TTDI01376)		
Target Name	Succinate dehydrogenase (SDHD)		
Synonyms	Succinate-ubiquinone reductase membrane anchor subunit; Succinate-ubiquinone oxidoreductase cytochrome b small subunit; Succinate dehydrogenase complex subunit D; Succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial; SDH4; QPs3; CybS; CII-4		
Gene Name	SDHD		
Target Type	Literature-reported target		[1]
Function	Membrane-anchoring subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q).		
UniProt ID	DHSD_HUMAN		
Sequence	MAVLWRLSAVCGALGGRALLLRTPVVRPAHISAFIQDRPIEWCGVQHIHLSPSHHSGSK AASLHWTSEVVSVLLGLLPAAYLNPSCAMDYSLAAALTLHGHWGLGQVVTDYVHGDA QKAAKAGLLALSALTFAGLCYFNYHDVGICKAVAMLWKL		

References

REF 1	Succinate dehydrogenase is a direct target of sirtuin 3 deacetylase activity. PLoS One. 2011;6(8):e23295.
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