

Succinate Dehydrogenase Complex Subunit C Recombinant Protein | SDHC recombinant protein

Recombinant Succinate Dehydrogenase Complex Subunit C (SDHC)

CATALOG # AAA145417	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Succinate Dehydrogenase Complex Subunit C; Recombinant Succinate Dehydrogenase Complex Subunit C (SDHC); PGL3; CYB560; SDH3; CYBL; QPs1; Integral membrane protein CII-3; Succinate-ubiquinone oxidoreductase cytochrome B large subunit; Succinate dehydrogenase cytochrome b560; SDHC recombinant protein

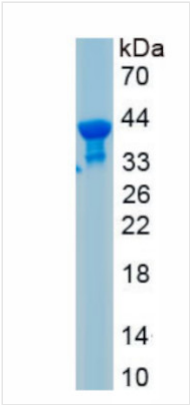
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 700ug/mL (varies by lot)
Applicable Applications for SDHC recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Arg72
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Predicted isoelectric point	10.5
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

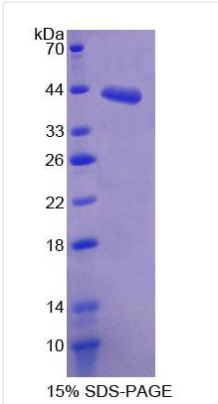
IMAGES

MAAFLLRHVS RHCLRAHLNA QLCIRNAAPL GTTAKEEMER FWKKNTSSNR
PLSPHLTIYK WSLPMALSVK HR

Sequence



SDS-PAGE



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	78096639
NCBI GeneID	6391
Molecular Weight	Predicted Molecular Mass: 38.3kDa Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	succinate dehydrogenase complex, subunit C delta3 alternative splicing variant
NCBI Official Synonym Full Names	succinate dehydrogenase complex subunit C
NCBI Official Symbol	SDHC
NCBI Official Synonym Symbols	CYBL; PGL3; QPS1; SDH3; CYB560
NCBI Protein Information	succinate dehydrogenase cytochrome b560 subunit, mitochondrial
UniProt Protein Name	Succinate dehydrogenase cytochrome b560 subunit, mitochondrial
UniProt Gene Name	SDHC
UniProt Synonym Gene Names	CYB560; SDH3; QPs1; CYBL
UniProt Entry Name	C560_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.