

# Recombinant human Cytochrome b-c1 complex subunit Rieske, mitochondrial protein



Catalog Number: CSB-RP046454h

<b>Product Name:</b>	Recombinant human Cytochrome b-c1 complex subunit Rieske, mitochondrial protein
<b>Alternative names:</b>	Complex III subunit 5
<b>Catalog Number:</b>	CSB-RP046454h
<b>Relevance :</b>	<p>Component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis.</p> <p>The transit peptide of the Rieske protein seems to form part of the bc1 complex and is considered to be the subunit 11/IX of that complex By similarity.</p>
<b>Mol. Weight:</b>	49kd
<b>Product Info :</b>	GST-tagged
<b>Source:</b>	E.coli derived
<b>Image:</b>	
<b>Purity:</b>	>90%(SDS-PAGE)
<b>Storage Buffer:</b>	PBS,pH 7.4,50% glycerol
<b>Storage :</b>	Store at -20°C , for extended storage, conserve at -20°C or -80°C .
<b>Notes :</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>AA sequence:</b>	<p>SHTDIKVPDFSEYRRLEVLDSTKSSRESSEARKGFSYLVTGVTTVGVAYAAKNAVTFQVVS</p> <p>SMSASADVLALAKIEIKLSDIPEGKNMAFKWRGKPLFVRHRTQKEIEQEAAVELSQLRDP</p> <p>QHDLDRVKKPEWVILIGVCTHLGCVPIANAGDFGGYYCPCCHGSHYDASGRIRLGPAPLN</p> <p>LEVPTYEFTSDDMVIVG</p>
<b>References:</b>	<p>"The primary structure of human Rieske iron-sulfur protein of mitochondrial cytochrome bc1 complex deduced from cDNA analysis."</p> <p>Nishikimi M., Hosokawa Y., Toda H., Suzuki H., Ozawa T.</p> <p>Biochem. Int. 20:155-160(1990)</p>