SRC1-RID (Residues 627-786)\textsuperscript{His}
Steroid Receptor Coactivator 1-Receptor Interacting Domain)
human, recombinant, E. coli

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amount</th>
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<tr>
<td>PR-873</td>
<td>10 µg</td>
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For in vitro use only!

Shipping: shipped on dry ice
Storage Conditions: store at -80 °C
Additional Storage Conditions: avoid freeze/thaw cycles
Shelf Life: 12 months
Molecular Weight: 17.5 kDa
Accession number: NM_003743
Purity: > 95% (SDS-PAGE)
Form: liquid (Supplied in 20 mM Tris-HCl pH 8.0, 100 mM KCl, 0.2 mM EDTA, 1 mM DTT and 20% glycerol)

pH: 8.0

Applications:
Use only for research and not for drug or diagnostic purposes. Recombinant SCR1 (627-786) can be used for protein-protein interaction assays.

Description:
The His-tag recombinant protein is purified by affinity chromatography in combination with FPLC columns. Then His-tag was removed by Tev protease. Steroid receptor coactivator 1 (SRC1) is a transcriptional coactivator that mediates the activating functions of many of the nuclear hormone receptors. It is also known as NCoA1 and is a member of the SRC/p160 coactivator family. SRC1 is a 160 kDa protein that contains several LXXLL motifs, which are involved in nuclear receptor interaction. The region 627-786 contains 3 LXXLL motifs that are involved in interaction with nuclear hormone receptors and has been previously used in assays detecting ligand-dependent receptor-cofactor interactions.

Activity:
100 ng are sufficient for a protein-protein interaction assay.

Selected References:


