



Recombinant Protein Technical Manual

Recombinant Human DNAJC30 Protein (His Tag)

RPES4053

Product Data:

Product SKU: RPES4053

Size: 20µg

Species: Human

Expression host: E. coli

Uniprot: Q96LL9

Protein Information:

Molecular Mass: 11.4 kDa

AP Molecular Mass: 14 kDa

Tag: N-His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: Please contact us for more information.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile PBS, pH7.4

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: WBSCR18

Immunogen Information:

Sequence: Ser39-Gly124

Background:

NAJC30 is a member of the DNAJ molecular chaperone homology domain-containing protein family. DNAJC30 gene is deleted in williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. DNAJC30 is expressed in brain, heart, kidney, liver, lung, spleen, stomach and testis. It contains 1 J domain. DNAJC30 is located in the Williams-Beuren syndrome (WBS) critical region. WBS results from a hemizygous deletion of several genes on chromosome 7q11.23, thought to arise as a consequence of unequal crossing over between highly homologous low-copy repeat sequences flanking the deleted region.