# Recombinant SPRY4 protein (His tag)

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| **Catalog Number** | 551872 |
| **Species** | Human |
| **Expression System** | E. coli |
| **Accession** | Q8WW59 |
| **Molecular Weight** | Predictes a molecular mass of 24.75 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 25 kDa band. |

## Product Information

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| **Sequence Region** | 1-207 |
| **Form** | Lyophilized powder |
| **Formulation** | Lyophilized from sterile PBS, pH 7.4 |
| **Purity** | >90%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Endotoxin** | Not tested. |
| **Activity** | Not tested. |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70℃ |
| **Protein Construction** | DNA encoding 1-207 aa (Q8WW59) were fused with 6His tag. |

## Storage & Handling

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| **Reconstitution** | Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. |
| **Storage** | Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Shipping** | In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.<br>Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise. |

## Description

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| **Description** | This high-quality recombinant protein is a fragment (amino acids 1-207) of human SPRY domain-containing protein 4 (SPRYD4), designed to fully encompass its critical B30.2/SPRY functional domain. It serves as an essential tool for researchers investigating the specific molecular functions and interactions of this domain family.<br>SPRY domain-containing protein 4 (SPRYD4) is a human protein encoded by the SPRYD4 gene (UniProt ID: Q8WW59). While a detailed functional summary and subcellular location for the full-length protein are not fully characterized in the provided data, proteins containing SPRY domains are generally involved in diverse cellular processes, including intracellular signaling, RNA metabolism, and immune response regulation. The SPRY domain itself is a versatile protein-protein interaction module. This recombinant fragment, encompassing the core functional domain, provides a focused reagent for elucidating the specific biological role of SPRYD4. |