

Recombinant Full Length Human Kunitz-Type Protease Inhibitor 2(Spint2) Protein, His-Tagged

Cat. No. RFL22981HF **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length Human Kunitz-type protease inhibitor 2(SPINT2) Protein (O43291) (28-252aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Full Length of Mature Protein (28-252) |
| Form | Lyophilized powder |
| AA Sequence | ADRSRSHDFCLVSKVVGRCRASMPRWWYNVTDGSCQLFVYGGCDGNSNNYLTK EECLKKCATVTENATGDLATSRNAADSSVPSAPRRQDSEDHSSDMFNYYEYCTAN AVTGPCRASFPFRWYFDVERNSCNNFIYGGCRGNKNSYRSEEACMLRCFRQQENP PLPLGSKVVVLAGLFLVMLILFLGASMVYLIRVARRNQERALRTVWSSGDDKEQLVK NTYVL |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Applications | SDS-PAGE |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

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| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
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| Storage Buffer | Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
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| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
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GENE INFORMATION

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| Gene Name | SPINT2 |
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| Synonyms | SPINT2; HAI2; KOP; Kunitz-type protease inhibitor 2; Hepatocyte growth factor activator inhibitor type 2; HAI-2; Placental bikunin |
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| UniProt ID | O43291 |
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