

Recombinant Human Sonic hedgehog protein N-product/SHH (C24IVI) Protein

RPCB0220

Description

This high-purity Recombinant Human Sonic hedgehog protein N-product/SHH (C24IVI) Protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU:	RPCB0220
Contents:	10 µg, 20 µg, 50 µg, 100 µg Bradford Reagent: 1 vial (2ml)
Synonyms:	HHG1, HLP3, HPE3, MCOPCB5, SMMCI, TPT, TPTPS, SHH, HHG1, sonic hedgehog, HLP3, HPE3, MCOPCB5, SMMCI, TPT, TPTPS
Species:	Human
Gene ID:	6469
Expression Host:	E. coli
Tags:	No tag
Calculated MW:	19.78 kDa
Observed MW:	22 kDa
Purification:	≥ 95 % as determined by SDS-PAGE, ≥95 % as determined by HPLC.
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Formulation:	Lyophilized from a 0.22 µm filtered solution of 20mM Tris, 300mM NaCl, pH 7.4. Contact us for customized product form or formulation.

Bio- Activity: Measured by its ability to inhibit p53 expression in C3H10T1/2 mouse embryonic fibroblast cells. 1.25-2.5 µg/mL of Recombinant Human Sonic hedgehog can effectively decrease p53 expression.

Preparation & Storage

Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

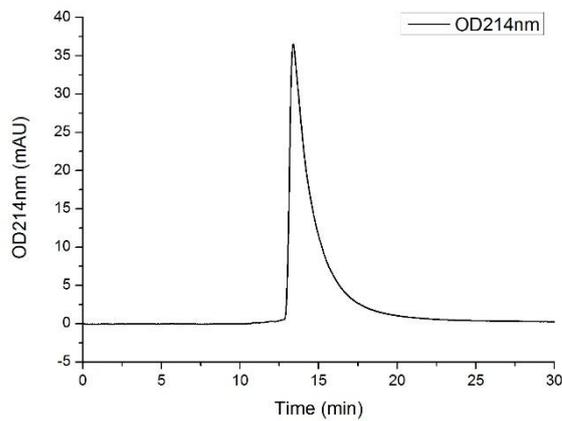
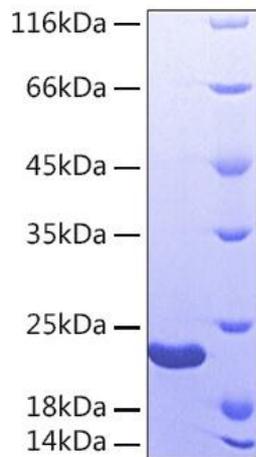
Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Store Bradford Reagent at Room Temperature for 1 Year.

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.

Validation Data

Image



Description

Recombinant Human Sonic hedgehog protein N-product/SHH(C24IVI) Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

The purity of Human Sonic hedgehog N-product Protein (RPCB0220) was greater than 95% as determined by SEC-HPLC.