

Recombinant HBV Surface Antigen-preS1

Information

| | |
|---------------------|---|
| Gene ID | |
| Accession # | |
| Alternate Names | |
| Source | Escherichia coli. |
| M.Wt | Approximately 12.6 kDa, a single non-glycosylated polypeptide chain containing 119 amino acids. |
| AA Sequence | MGGWSSKPRQ GMGTNLSVPN PLGFFPDHQL DPAFGANSNN PDWDFNPND HWPEAHQVGA GAFGPGFTPP HGGLLGWSPQ AQGILTTVPV APPPASTNRQ SGRQPTPISP PLRDSHPQA |
| Appearance | Sterile Filtered White lyophilized (freeze-dried) powder. |
| Stability & Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles - Refer to lot specific COA for the Use by Date when stored at $\leq -20^{\circ}\text{C}$ as supplied - 1 month, 2 to 8°C under sterile conditions after reconstitution - 3 months, -20 to -70°C under sterile conditions after reconstitution |
| Formulation | Lyophilized from a $0.2\ \mu\text{m}$ filtered concentrated solution in $20\ \text{mM}$ PB, $\text{pH } 7.4$, $50\ \text{mM}$ NaCl. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1 - $1.0\ \text{mg/mL}$. Stock solutions should be apportioned into working aliquots and stored at $< -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions. |
| Biological Activity | |
| Shipping Condition | Gel pack. |
| Handling | Centrifuge the vial prior to opening. |
| Usage | For Research Use Only! Not to be used in humans. |

Components and Storage

| Components | 10 μg | 100 μg | 500 μg |
|---------------------------------------|------------------|-------------------|-------------------|
| Recombinant HBV Surface Antigen-preS1 | 10 μg | 100 μg | 500 μg |

Use a manual defrost freezer and avoid repeated freeze-thaw cycles

- Refer to lot specific COA for the Use by Date when stored at $\leq -20^{\circ}\text{C}$ as supplied
- 1 month, 2 to 8°C under sterile conditions after reconstitution
- 3 months, -20 to -70°C under sterile conditions after reconstitution

Quality Control

| | |
|-----------|--|
| Purity | > 97% by SDS-PAGE and HPLC analyses. |
| Endotoxin | Less than 1 EU/ μg of rHBsAg-preS1 as determined by LAL method. |

Description

Reference

APExBIO Technology

www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com