

**HDFP552**

---

## Product Information

<b>Product SKU:</b>	HDFP552	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	SCNND	<b>Tag:</b>	C-Flag Tag		

---

## Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	P51172
<b>Molecular Weight:</b>	The human full length SCNND protein has a MW of 87.9kDa		

---

## Protein Information

**Background:** Sodium permeable non-voltage-sensitive ion channel inhibited by the diuretic amiloride. Mediates the electrodiffusion of the luminal sodium (and water, which follows osmotically) through the apical membrane of epithelial cells. Controls the reabsorption of sodium in kidney, colon, lung and sweat glands. Also plays a role in taste perception.[UniProtKB/Swiss-Prot Function]

**Synonyms:** ENaCd, ENaCdelta, SCNED, dNaCh

**Protein Description:** Human SCNND full length protein-synthetic nanodisc

**Formulation:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

**Protein Pathways:** -

**Protein Families:** Ion Channels: Other.

**Usage:** Research use only

**Storage & Shipping:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

**Contact Details | Dublin, Ireland**

**Email:** [techsupport@assaygenie.com](mailto:techsupport@assaygenie.com) | **Web:** [www.assaygenie.com](http://www.assaygenie.com)

Copyright © 2024 Assay Genie Ltd, All Rights Reserved. All information / detail is correct at time of going to print.