

HUMAN SLC4A7 FULL LENGTH PROTEIN**Cat.#:** 11057**Product Name:** Human SLC4A7 Full Length Protein**Size:** 10 µg, 50 µg and 100 µg**Synonyms:** NBC2; NBC3; NBCN1; SBC2; SLC4A6**Target:** SLC4A7**UNIPROT ID:** Q9Y6M7**Description:** Human SLC4A7 full length protein-synthetic nanodisc

Background: This locus encodes a sodium bicarbonate cotransporter. The encoded transmembrane protein appears to transport sodium and bicarbonate ions in a 1:1 ratio, and is thus considered an electroneutral cotransporter. The encoded protein likely plays a critical role in regulation of intracellular pH involved in visual and auditory sensory transmission. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Apr 2012]

Species/Host: HEK293

Molecular Weight: The human full length SLC4A7 protein has a MW of 136.5 kDa

Formulation & Reconstitution: 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.

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.