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Recombinant Human SLC9A9 Protein, N-His-KSI

bs-105523P
Human
[67-126] & [487-645]/645
40.55 kDa
N-His-KSI
Not tested
>90% as determined by SDS-PAGE.
AC
Lyophilized
Lyophilized from a solution in PBS pH 7.4, 0.02 $\%$ NLS, 1mM EDTA, 4 $\%$ Trehalose, 1 $\%$
Mannitol.
Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for
frequent use. Store at -20 to -80°C for twelve months from the date of receipt.
Slc9a9 (Sodium/hydrogen exchanger 9) or NHE9 may act in electroneutral exchange of
protons for Na(+) across membranes. Four isoforms of the Na+/H+ exchanger (NHE6-NHE9)
are distributed to intracellular compartments in human cells. They are localized to Golgi and
post-Golgi endocytic compartments as follows: mid- to trans-Golgi, NHE8; trans-Golgi
network, NHE7; early recycling endosomes, NHE6; and late recycling endosomes, NHE9. The
intracellular localization of the NHEs is established by the balance of transport in and out of
the post-Golgi compartments as the dynamic membrane trafficking. Their in vivo function is
to regulate the pH and monovalent cation concentration in these organelles.