



# Recombinant Human Na (+)/H (+) exchange regulatory cofactor NHE-RF4 (PDZD3)

<b>Product Code</b>	CSB-EP774807HU-B
<b>Abbreviation</b>	PDZD3
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q86UT5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MVTPSPPGNH SLSLEAPRLH TASDLLGNHS LGLPLITALV GSRDRRGRVF SPVPVPLPTN PTTQHPTRQK LPSTLSGHRV CQAHGEPVLG LCPLLPLFCC PPHPDPWSL ERPRFCLLSK EEGKSFGFHL QQELGRAGHV VCRVDPG TSA QRQGLQEGDR ILAVNNDVVE HEDYAVVVR IRASSPRVLL TVLARHAHDV ARAQLGEDAH LCPTLGPVGR PRLCHIVKDE GGFGFSVTHG NQGPFWLVLV TGGAERAGV PPGARLLEVN GVSVEKFTHN QLTRKLWQSG QQVTLLVAGP EVEEQCRQLG LPLAAPLAEG WALPTKPRCL HLEKGPQGFG FLLREEKGLD GRPGQFLWEV DPGLPAKKAG MQAGDRLVAV AGESVEGLGH EETVSRIQQG GSCVSLTVVD PEADRFSSMV RLSPLLFLN TEAPASPRGS SSASLVETED PSLEDTSVPS VPLGSRQCFL YPGPGGSYGF RLSCVASGPR LFISQVTPGG SAARAGLQVG DVILEVNGYP VGGQNDLERL QQLPEAEPP CLKLAARSLR GLEAWIPPGA AEDWALASDL L
<b>Source</b>	E.coli
<b>Target Names</b>	PDZD3
<b>Protein Names</b>	Recommended name: Na(+)/H(+) exchange regulatory cofactor NHE-RF4 Short name= NHERF-4 Alternative name(s): Intestinal and kidney-enriched PDZ protein Natrium-phosphate cotransporter IIa C-terminal-associated protein 2 Short name=
<b>Expression Region</b>	1-571
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.