



# Recombinant Human Thioredoxin domain-containing protein 5 (TXNDC5)

<b>Product Code</b>	CSB-BP847679HU
<b>Abbreviation</b>	TXNDC5
<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>	Q8NBS9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEDAKVYVAKVDCTAHSVCSAQQVIRGYPTLKLKFKPGQEAVKYQGPRDFQT LENWMLQTLNEEPVTPEPEVEPPSAPELKKQLYELASNFELHVAQGDHFIKF FAPWCGHCKALAPTWEQLALGLEHSETVKIGKVDCTQHYELCSGNQVRGYPT LLWFRDGGKVDQYKGRDLESLREYVESQLQRTETGATETVTPSEAPVLAEE PEADKGTVLALTENNFDDTIAEGITFIKFIYAPWCGHCKTLAPTWEELSKKEFPG LAGVKIAEVDCTAERNICKYSVIRGYPTLLLFRGGKVKSEHSGGRDLDSLHRF VLSQAKDEL
<b>Source</b>	Baculovirus
<b>Target Names</b>	TXNDC5
<b>Protein Names</b>	Recommended name: Thioredoxin domain-containing protein 5 Alternative name(s): Endoplasmic reticulum resident protein 46 Short name= ER protein 46 Short name= ERp46 Thioredoxin-like protein p46
<b>Expression Region</b>	1-324
<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 of Isoform 2
<b>Target Details</b>	This gene encodes a protein-disulfide isomerase. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. Two transcript variants encoding different isoforms have been found for this gene.
<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.
<b>Shelf Life</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.