TXNDC15 Protein, Human (HEK293, His)

Cat. No.:	HY-P71394
Synonyms:	Thioredoxin domain-containing protein 15; C5orf14; UNQ335/PRO534
Species:	Human
Source:	HEK293
Accession:	Q96J42 (V33-S321)
Gene ID:	79770
Molecular Weight:	50-60 kDa

PROPERTIES

AA Sequence	V E V A E E S G R L W S E E Q P A H P L Q V G A V Y L G E E E L L H D P M G Q D R A A E E A N A V L G L D T Q G D H M V M L S V I P G E A E D K V S S E P S G V T C G A G G A E D S R C N V R E S L F S L D G A G A H F P D R E E E E Y Y T E P E V A E S D A A P T E D S N N T E S L K S P K V N C E E R N I T G L E N F T L K I L N M S Q D L M D F L N P N G S D C T L V L F Y T P W C R F S A S L A P H F N S L P R A F P A L H F L A L D A S Q H S S L S T R F G T V A V P N I L L F Q G A K P M A R F N H T D R T L E T L K I F I F N Q T G I E A K K N V V V T Q A D Q I G P L P S T L I K S
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US;may vary elsewhere.

DESCRIPTION

Background	TXNDC15 Protein serves as a positive regulator of ciliary hedgehog signaling, playing a crucial role in the intricate network of cellular communication. Additionally, it is actively involved in ciliogenesis, the process of cilium formation, contributing to the structural and functional dynamics of this essential cellular organelle.

Caution: Product has not been fully validated for medical applications. For research use only.

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