

## IFT20 Human

**Description:**IFT20 Human Recombinant produced in E. coli is a single polypeptide chain containing 152 amino acids (1-132) and having a molecular mass of 17.0 kDa. IFT20 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:**PRPS-1229

**Synonyms:**Intraflagellar Transport 20 Homolog (Chlamydomonas), Intraflagellar Transport Protein IFT20, HIFT20.

For research use only.

**Source:**E.coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MAKDILGEAG LHFDELNKLRLVDPEVTQQT IELKEECKDF VDKIGQFQKI VGGLIELVDQ LAKEAENEKM KAIGARNLLK SIAKQREAQQ QQLQALIAEK KMQLERYRVE YEALCKVEAE QNEFIDQFIF QK

**Purity:**Greater than 95% as determined by SDS-PAGE.

### Formulation:

The IFT20 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 30% glycerol.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

IFT20 is a fragment of intraflagellar transport (IFT) elements which takes part in ciliary process assembly. IFT20 is involved in the transferring of ciliary membrane proteins from the Golgi complex to the cilium and is expressed in virtually all tissues.

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