

# Recombinant Full Length Rat Transmembrane Protein 232(Tmem232) Protein, His-Tagged

Cat. No. RFL36090RF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Rat Transmembrane protein 232(Tmem232) Protein (B1WBT0) (1-617aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Rat

### Source

E.coli

### ProteinLength

Full Length (1-617)

### Form

Lyophilized powder

### AA Sequence

MASKKWPSFSVTKEFILRFNNTDNRVKEEELLEQARKFTVRCKRKLGLKTLGSGKHV  
HLP TAWAEVIYLAQCKGEIQDEALNMLYASLDHVSFDCDQLPTLFFLAESVLYRLCC  
DAFKKE YLYSVEIKLVKIGYLIFLRLFFVFLHGHLENFKQHLLRLQPPLYALYYSEPSY  
YKYPNIL SSLQFILKTAEIICKRELHFEVFESLREVEDPFSDTNHVQLNKRGYEVNHL  
WHSVAAWS CVQDNRPQLNAVLDHILFHKAQLQTKCWLDSALALLVLGEAAKLNMA  
CLKTLMMLMTHFL LSPQSQEDYCSIYDIPWASDIVFIYTSIIAEVCLYAATSDLRKTALI  
GFCVCKDPQQDIH LTNKSEEMPELDGASILTLLKYFSSRISDNCAKVIWVGGYGYVYN  
LVKMSWELQGDEEQD GFRNMVWQTLQKIKDYEEDPRIQNAVITIAQAEINDAADPF  
SSKAAPNSEAFSKYIGWRIA NTL SRLFFPSLDVSALPQKTPVETDLQRKHTISKRQP  
EKKGVVRIVMKEHPSVLELSMFP YPDFFTKADKKLEEVIDHHWQKDMETLKQIEAVC  
EAQNRKDEEEKEKIRFQEIMKQRERK LNKQTKPYEITPSEKKE

### Purity

Greater than 90% as determined by SDS-PAGE.

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|                       |                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>          | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                             |
| <b>Storage Buffer</b> | Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                                                                                                                                                 |
| <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. |

## GENE INFORMATION

|                   |                                    |
|-------------------|------------------------------------|
| <b>Gene Name</b>  | Tmem232                            |
| <b>Synonyms</b>   | Tmem232; Transmembrane protein 232 |
| <b>UniProt ID</b> | <a href="#">B1WBT0</a>             |

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