

Recombinant Full Length Human TMEM132A Protein, C-Flag-tagged

Cat. No. TMEM132A-185HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TMEM132A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a protein that is highly similar to the rat Grp78-binding protein (GBP). Alternatively spliced transcript variants encoding different isoforms have been described.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	110 kDa
AA Sequence	MCARMAGRTTAAPRGPYPGWLCLLVALALDVVRVDCGQAPLDPVYLPAALELLDAP EHFRVQQVGHYPNA NSSLSSRSETFLLLPWPRAQPLL RASYPPFATQQVPPRV TEPHQRPVPWDVRAVSVEAAVTPAEPYAR VLFHLKGQDWPPGSGSLPCARLHATH PAGTAHQACRFQPSLGACVVELELP SHWFSQASTTRAELAYTLE PAAEGPGGCGS GEENDPGEQALPVGGVELRPADPPQYQEVLDEAVTLRPVDPMPVRPGQLFSATLLL RHN FTASLLTLRIKVKKGLHVTAARPAQPTLWTAKLDRFKGSRHHTTLITCHRAGLT EPDSSSPLELSEFLWV DFVVENSTGGGVAVTRPVTWQLEYPGQAPEAEKDKMVW EILVSEDIRALIPLAKAEELVNTAPLTGVPQ HVPVRLVTVDGGGALVEVTEHVGCS ANTQVLQVSEACDAVFVAGKESRGARGVRVDFWWRRRLRASRLT VWAPLLPLRIE

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LTDTTLEQVRGWRVPGPAEGPAEPAAEASDEAERRARGCHLQYQRAGVRFLAPFA
 AHPL DGGRRRLTHLLGPDWLLDVSHLVAPHARVLD SRVASLEGGRVVVGREPGVTSI
 EVRSPLSDSILGEQALAV TDDKVSLELRVQPVMGISLTLSRGTAHPGEVTATCWA
 QSALPAPKQEVALSLWLSFSDHTVAPAELYDR RDLGLSVSAEEP GAILPAEEQGAQ
 LGVVVSGAGAEGLPLHVALHPPEPCRRGRHRVPLASGTAWLGLPPA STPAPALPS
 SPAWSPATEATMGGKRQVAGSVGGNTGVRGKFERAEEEEARKEETEAREEEEEEE
 EEEMVPA PQHVTELELGMYALLGVFCVAIFILVNGVVFLRYQRKEPPDSATDPTS
 PQPHNWWLGT DQEELSRQL DRQSPGPPKGEGSCPCESGGGGEAPTLAPGPPG
 GTTSSSSTLARKEAGGRRKRVEFVTFAPAPPAQSPEE
 PVGAPAVQSILVAGEEDIRWVCEDMGLKDPEELRNYMERIRGSSTRTRPLEQKLISE
 EDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

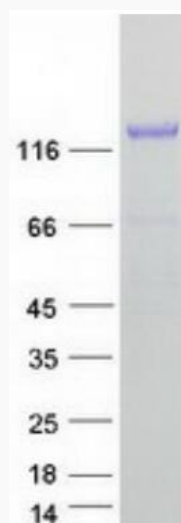
Gene Name [TMEM132A transmembrane protein 132A \[Homo sapiens \(human\) \]](#)

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Official Symbol	TMEM132A
Synonyms	GBP; HSPA5BP1
Gene ID	54972
mRNA Refseq	NM_017870.4
Protein Refseq	NP_060340.2
MIM	617363
UniProt ID	Q24JP5



Coomassie blue staining of purified TMEM132A protein.

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