

Product datasheet for PH314846

TMEM132A (NM_017870) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMEM132A MS Standard C13 and N15-labeled recombinant protein (NP_060340)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214846
Predicted MW:	110 kDa
Protein Sequence:	>RC214846 representing NM_017870 Red=Cloning site Green=Tags(s)

MCARMAGRTTAAPRPGYPWLCLLVALALDVVRVDCGQAPLDPVYLPAALELLDAPEHFRVQQVGHYP
 NSSLSSRSETFLLLQPWPRAQPLLRASYPPFATQQVPPRVTEPHQRPVPWDVRAVSVEAAVTPAEPYAR
 VLFHLKGGQDWPPGSGSLPCARLHATHPAGTAHQACRFQPSLGACVVELELPSHWFQASTTRAELAYTLE
 PAAEGPGGCGSGEENDPGEQALPVGGVELRPADPPQYQEVPLDEAVTLRVPDMPVVRGQQLFSATLLLRHN
 FTASLLTLRIKVKKGLHVTAARPAQPTLWAKLDRFKGSRHHTTLITCHRAGLTPDSSSPELSEFLWV
 DFVVENSTGGGVAVTRPVTWQLEYPGQAPEAEKDKMWWEILVSEDIRALIPLAKAEELVNTAPLTGVPQ
 HVPVRLVTVDGGGALVEVTEHVGCEASANTQVLQVSEACDAVVFVAGKESRGARGVRVDFWRRRLASRLT
 VWAPLLPLRIELTDTTLEQVRGWRVPGPAEGPAEPAEASDEAERRARGCHLQYQRAGVRFAPFAAHL
 DGGRRLLHLLGPDWLLDVSHLVAPHARVLDNRVSLVLEGGRRVVGREPGVTSIEVRSPLSDSILGEQALAV
 TDDKVSVLELRVQPVMGISLTLSRGTAHPGEVATCWAQSALPAPKQEVALLSLWLSFSDHTVAPAELEYDR
 RDLGLSVSAEEPGAILPAEEQGAQLGVVSGAGAEGLPLHVALHPPEPCRRGRHRVPLASGTAWLGLPPA
 STPAPALPSSPAWSPATEATMGGKRQVAGSVGGNTGVRGKFERAEERKEETEAREEEEEEMVPA
 PQHVTELELGMVALLGVFCVAIFIFLVNGVVFVLRVYQRKEPPDSATDPTSPQPHNWWLGTQEEELSRQL
 DRQSPGPPKGECSGPCESGGGGEAPTLAPGPPGTTSSSSTLARKEAGGRRKRVEFVTFAPAPPAQSPEE
 PVGAPAVQSILVAGEEDIRWVCEMGLKDPEELRNYMERIRGSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

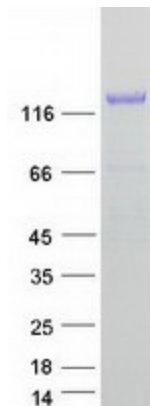
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060340
RefSeq Size:	3486
RefSeq ORF:	3072
Synonyms:	GBP; HSPA5BP1
Locus ID:	54972
UniProt ID:	Q24JP5
Cytogenetics:	11q12.2
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified TMEM132A protein (Cat# [TP314846]). The protein was produced from HEK293T cells transfected with TMEM132A cDNA clone (Cat# [RC214846]) using MegaTran 2.0 (Cat# [TT210002]).