

Product datasheet for PH322211

F115A (TCAF1) (NM_014719) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAM115A MS Standard C13 and N15-labeled recombinant protein (NP_055534)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222211
Predicted MW:	102 kDa
Protein Sequence:	>RC222211 representing NM_014719 Red=Cloning site Green=Tags(s)

MATPSAAFEALMNGVTSWDVPEDAVPCELLLIGEASFPVMVNDMGQVLIASSYGRGRLVVVSHEDYLVE
AQLTPFLLNAVWGLCSSPGAPIGVHPSLAPLAKILEGSGVDAKVEPEVKDSLGVYCIDAYNETMTEKLVK
FMKCGGGLLIGGQAWDWANQGEDERVLFTHPGNLVTSVAGIYFTDNKGDTSFVKVSKMPKIPVLVSCED
DLSDREELLHGISELDISNSDCFPSQLLVHGALAFPLGLDSYHGCVIAAARYGRGRVVVTHGKVLFTVG
KLGPFLNNAVRWLDGRRGKIVVQTELRTLSGLLAVGGIDTSIEPNLTSASVYCFEPVSEVGKELQEF
VAEGGGLFVGAQAWWAFKNPGVSPLARFPGNLLLNPFGISITSQSLNPGPFRTPKAGIRTYHFRSTLAE
FQVIMGRKRGVNEKGLAKLGPDGAFLQIPAEIIPAYMSVHRLLRKLLSRYRLPVATRENVPVINDCCRG
AMLSLATGLAHSGSDL SLLVPEIEDMYSSPYLRPSESPITVEVNCTNPGTRYCWMSTGLYIPGRQIEVS
LPEAAASADLKIQIGCHTDDLTRASKLFRGPLVINRCCLDKPTKSITCLWGGLLYIIVPQNSKLGSPVPT
YKGAVHAPYYKLGETTLEEWKRRIQENPGPWGELATDNIILTVPATANLRTLENPELLRLWDEVMAVAR
LGAEPFLRLPQRIVADVQISVGWMHAGYPIMCHLESVQELINEKLIRTKGLWGPVHELGRNQQRQEWEF
PPHTTEATCNLWCYVYHETVLGIPRSRANIALWPPVREKRVRIYLSKGPVKNWNAWTALETYLLQLEAF
GWEPFIRLFTYRNQTNLPTENVDKMNLWVKMFSHQVQKNLAPFEAWAWPIQKEVATSLAYLPEWKENI
MKLYLLTQMPH

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.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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RefSeq: NP_055534

RefSeq Size: 4076

RefSeq ORF: 2763

Synonyms: FAM115A

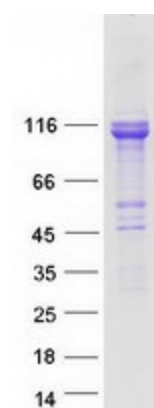
Locus ID: 9747

UniProt ID: Q9Y4C2

Cytogenetics: 7q35

Summary: Positively regulates the plasma membrane cation channel TRPM8 activity. Involved in the recruitment of TRPM8 to the cell surface. Promotes prostate cancer cell migration inhibition in a TRPM8-dependent manner.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TCAF1 protein (Cat# [TP322211]). The protein was produced from HEK293T cells transfected with TCAF1 cDNA clone (Cat# [RC222211]) using MegaTran 2.0 (Cat# [TT210002]).