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**Product Data Sheet**


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Product Name: APMAP Human  
 Cat. No.: GP22744  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Adipocyte Plasma Membrane Associated Protein; Protein BSCv; C20orf3; Adipocyte Plasma Membrane-Associated Protein; Chromosome 20 Open Reading Frame 3; BSCv; APMAP.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSESPIDPQ PLSFKEPPLL LGVLHPNTKL RQAERLFENQ LVGPESIAHI GDVMFTGTAD GRVVKLENGE IETIARFGSG PCKTRDDEPV CGRPLGIRAG PNGTLFVADA YKGLFEVNPW KREVKLLSS ETPIEGKNMS FVNDLTVTQD GRKIYFTDSS SKWQRRDYLL LVMEGTDDGR LLEYDTVTRE VKVLLDQLRF PNGVQLSPA E DFVLAETTM ARIRRVYVSG LMKGGADLFV ENMPGFPDNI RPSSSGGYWV GMSTIRPNPG FSMLDFLSER PWIKRMIFKL FSQETVMKFV PRYSLVLELS DSGAFRRSLH DPDGLVATYI SEVHEHDGHLVLSFRSPFL CRLSLQAV		
Formulation	APMAP protein solution (1mg/ml) containing 20mM Tris-HCl(pH 8.0) and 10% glycerol.		

**Introduction**

Adipocyte plasma membrane-associated protein, also known as APMAP, is a member of the strictosidine synthase family. APMAP exhibits strong arylesterase activity with beta-naphthyl acetate in addition to phenyl acetate and takes part in adipocyte differentiation.

**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.

**Background**

APMAP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

**Caution: Product has not been fully validated for medical applications. For research use only.**

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chain containing 378 amino acids (62-416 a.a) and having a molecular mass of 42.2kDa. APMAP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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