

Recombinant Full Length Pig Thromboxane-A Synthase(Tbxas1) Protein, His-Tagged

Cat. No. RFL32399SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Pig Thromboxane-A synthase(TBXAS1) Protein (P47787) (1-534aa), fused to N-terminal His tag, was expressed in E. coli.

Species Sus scrofa (Pig)

Source E.coli

ProteinLength Full Length (1-534)

Form Lyophilized powder

AA Sequence

MEVLGFLSPELNGPMVTMALAVLLALLKWYSTSAFSRLEKLGIRHPKPSFIGNLTF
FR QGFWESHMELRKQYGPLSGYYLGRRMIVVISDPDIKQVLAEKFSNFTNRMAT
GLESKPV ADSILFLRDKRWEEVRSVLTSAFSPKKNLKLTP LISQACDLLLLAHLERYAE
SGDAFDIQR CYCCYTTDVVASVAFGTQVNSSEPEHPFVKHCRRFFAFSVPRILILVL
ILSFPSIMVPLA RILPNKKRDEVNGFFNKLIRNVIALRDQQAEEERRQDFLQMVLDLR
HSAPSVGVENFDIV RQAFSSAKGCPADPSQPHLPRPLSKPLTVDEVVGGQAFFLIAG
YEIITNTLSFVTYLLAT NPDCQEKLLREVDDFSKKHPSPEHCSLQQGLPYLDMVLSET
LRMYPPAFRFTREAARDCE VLGQRIPAGTVLEVAVGALHHDPKHWPHPETFDPER
FTAEAQRLQQPFTYLPFGAGPRSC LGVQLGLLEIKLTLHILRKRFRFEACPETQVPLQ
LESKSALSPKNGVYIRIVPR

Purity Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	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	
Gene Name	TBXAS1
Synonyms	TBXAS1; CYP5; CYP5A1; Thromboxane-A synthase; TXA synthase; TXS; Cytochrome P450 5A1; Hydroperoxy icosatetraenoate dehydratase
UniProt ID	P47787

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