

TFF1 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P70511
Synonyms:	Trefoil factor 1; Protein pS2; Tff1; Bcei; Ps2
Species:	Mouse
Source:	HEK293
Accession:	Q08423 (Q22-F87)
Gene ID:	21784
Molecular Weight:	Approximately 15.0 kDa

PROPERTIES

AA Sequence	<p>Q A Q A Q A Q A Q E E T C I M A P R E R I N C G F P G V T A Q Q C T E R G C C F</p> <p>D D S V R G F P W C F H P M A I E N T Q E E E C P F</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	<p>Trefoil Factor 1 (TFF1) protein acts as a stabilizer for the mucous gel that overlays the gastrointestinal mucosa, playing a crucial role in providing a robust physical barrier against a variety of noxious agents. By contributing to the integrity of the mucous layer, TFF1 aids in the protection and defense of the gastrointestinal tract from potential harmful substances. Its stabilizing function underscores its importance in maintaining the mucosal barrier, which is essential for the overall health and protection of the gastrointestinal mucosa.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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