Latexin Protein, Human (HEK293, Fc)

Cat. No.:	HY-P73842
Synonyms:	ECI; ECIMUM; Latexin; LXN; TCI
Species:	Human
Source:	HEK293
Accession:	Q9BS40 (E2-E222)
Gene ID:	56925
Molecular Weight:	60-65 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of 100 mM Glycine, 10 mM NaCl, 50 mM Tris, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
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	Latexin, a protein of significance, functions as a robust, hardly reversible, and non-competitive inhibitor targeting CPA1, CPA2, and CPA4. Its inhibitory prowess underscores its potential role in modulating the activity of carboxypeptidases, contributing to intricate cellular processes. Notably, Latexin may also partake in the regulation of inflammation, suggesting its involvement in broader physiological contexts beyond enzyme inhibition.

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