

RPES8006

Product Information

Product SKU:	RPES8006	Expression Host:	E.coli	Size:	20µg
Tag:	N-Trx	Reactivity:	Human	Accession:	P07476

Additional Information

Calculated MW:	33.9 kDa	Observed MW:	40-45 kDa
Sequence:	Glu54-Gly181		

Protein Information

Background: Involucrin, a component of the keratinocyte crosslinked envelope, is found in the cytoplasm and crosslinked to membrane proteins by transglutaminase. This gene is mapped to 1q21, among calpactin I light chain, trichohyalin, profillaggrin, loricrin, and calcyclin.

Synonyms: INVO, Involucrin, IVL

Endotoxin: < 10 EU/mg of the protein as determined by the LAL method

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Bio-Activity: Not validated for activity

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.