
Recombinant human Collagen VII protein, N-GST

Catalog Number: bs-42214P

Concentration: >0.5mg/ml

Species: Human

AA Seq: 482-629/2944

Predicted MW: 42.5

Tags: N-GST

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0) with 2M Urea and 0.5mM PMSF.

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: This gene encodes the alpha chain of type VII collagen. The type VII collagen fibril, composed of three identical alpha collagen chains, is restricted to the basement zone beneath stratified squamous epithelia. It functions as an anchoring fibril between the external epithelia and the underlying stroma. Mutations in this gene are associated with all forms of dystrophic epidermolysis bullosa. In the absence of mutations, however, an acquired form of this disease can result from an autoimmune response made to type VII collagen.

VALIDATION IMAGES



The purity of the protein is greater than 80% as determined by reducing SDS-PAGE.