Transglutaminase 2 (human) (recombinant) (His)

Ordering Information

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NZY-T002-001	1mg

Manuals, SDS & CofA

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Handling & Storage

Handling	After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Tissue-type Transglutaminase, TG2, TGase 2, Protein-glutamine-γ-glutamyltransferase
Appearance	White solid.
Formulation	Lyophilized from 50mM NaH_2PO_4, pH 8, containing 150mM NaCl, maltodextrin and <0.1mM imidazole.
MW	~78kDa.
Purity	≥90% (SDS-PAGE).
Reconstitution	Reconstitute with 160µl water. For activation add 10mM Ca2+.
Source	Produced in *E. coli*.
Specific Activity	<750U/mg protein. One unit is defined as the increase of fluorescence intensify of 1 a.u./min. Activity is determined by measuring the rate of fluorescence enhancement after TG2-catalyzed monodansylcadaverine-incorporation into N, N-dimethylated casein (L. Lorand, et al.; Anal. Biochem. **44**, 221 (1971)).
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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