

Recombinant Human TSLP (R127A, R130A) protein, His-Avi-tagged

Cat. No. TSLP-391H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSLP (R127A, R130A) protein(Q969D9-1)(Tyr29-Gln159(R127A,R130A)), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Tyr29-Gln159(R127A,R130A)
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human TSLP (R127A, R130A), His Tag at 2µg/ml (100µl/Well). Dose response curve for Human TSLPR, hFc Tag with the EC50 of 4.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 17.7 kDa. Due to glycosylation, the protein migrates to 25-35 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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