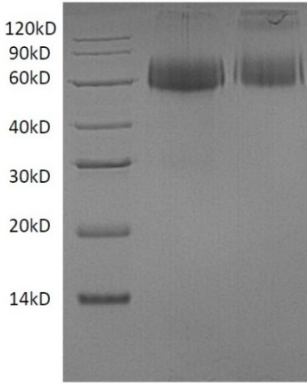


Recombinant ST2, 1000 µg

Catalog number	710046
Description	Recombinant human ST2 also known as interleukin-1receptor-like 1 antigen is produced by mammalian expression system and the target gene encoding Lys19-Phe328 is expressed with a 6His tag at the C-terminus. Predicted molecular weight: 60 kDa.
Amino acid sequence	KFSKQSWGLENEALIVRCPRQGKPSYTVDWYYSQTNKSIPTQERNRVFASGQLLKFLPAAVADSGIYTCIVRSPTFNRTGYANVTIYKKQSDCNVPDYLMYSTVSGSEKNSKIYCPTIDLYNWTAPLEWFKNCQALQGSRYRAHKSFLVIDNVMTEDAGDYTCKFIHNENGANYSVTATRSFTVKDEQGFSLFPVIGAPAQNEIKEVEIGKNANLTCACFGKGTQFLAAVLWQLNGTKITDFGEPRIQQE EGQNSFSNGLACLDMVLRADVKEEDLLLQYDCLALNLHGLRRHTVRLSRKNPSKECFVDHHHHHH
Product host	Human cells
Product formulation	Lyophilized
Product buffer solution	20 mM Na-phosphate, pH 7.4, 150 mM NaCl
Reconstitution	Reconstitute lyophilized protein with 2000 µl of deionized water
Shelf life and storage	-20 °C
Analyte description	ST2 is an interleukin-1 family receptor expressed in the heart. ST2 protein has two isoforms: a soluble (sST2) and membrane- bound form. Patients with heart failure and elevated ST2 protein levels in the blood are at risk for heart failure progression.
Product concentration	0.5 mg/ml when reconstituted with 2000 µl of deionized water
Purity	SDS-PAGE > 90%
	 <p>N: Non-reducing R: Reducing MK: Protein Molecular Weight Marker</p> <p>MK R N</p>
Antibodies tested	Anti-h ST2 10201: + Anti-h ST2 10202: + Anti-h ST2 10203: + Anti-h ST2 10204: + Anti-h ST2 10205: + Anti-h ST2 10206: + Anti-h ST2 10207: +



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