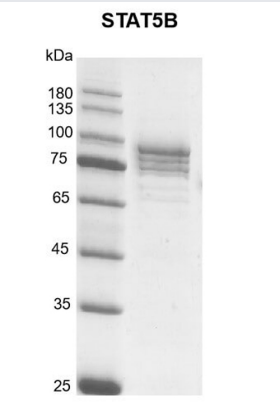
STAT5B Recombinant Protein

PRODUCT OVERVIEW

Product Name	STAT5B, Recombinant Protein
Full Product Name	Recombinant STAT5B Protein
Product Gene Name	STAT5B recombinant protein
Product Synonym Names	Transcription Factor STAT5B; GHISID2; STAT5
Host	Baculovirus
Form/Format	Recombinant STAT5B protein is supplied in 25 mM HEPES pH 7.5, 300 mM NaCl, 20% glycerol, 0.04% Triton X-100, 0.5 mM TCEP.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Source	Human
Additive	Glycerol
Additive Amount	20%
Product Categories/Family for STAT5B recombinant protein	Transcription
Application Notes for STAT5B recombinant protein	This product was manufactured as described in description. Additional characterization such as enzyme kinetic activity assays, inhibitor screening or other biological activity assays may not have been performed for every product. All available data for this product is shown.
Related Product Information for STAT5B recombinant protein	Description: Recombinant STAT5B protein was expressed in a baculovirus expression system as the full length protein (accession number NP_036580.2) with an N-terminal FLAG tag. The molecular weight of the protein is 91.14 kDa Background: Signal transducers and activators of transcription 5 (STAT5a and STAT5b) are highly homologous proteins that are encoded by 2 separate genes and are activated by Janus-activated kinases (JAK) downstream of cytokine receptors. STAT5 proteins are activated by a wide variety of hematopoietic and nonhematopoietic cytokines and growth factors, all of which use the JAK-STAT signalling pathway as their main mode of signal transduction. STAT5 proteins critically regulate vital cellular functions such as proliferation, differentiation, and survival.
Other Notes	Small volumes of STAT5B recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for STAT5B purchase	MBS389791 is a recombinant protein targeting STAT5B. Also known as Recombinant STAT5B Protein. Host: Baculovirus.



SDS-Page of STAT5B recombinant protein
Recombinant SMAD2 protein 10% SDS-PAGE Comassie staining MW: 91.14 kDa Purity: >90%

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STAT5B. It may not necessarily be applicable to this product.

Protein Family	Signal transducer and activator of transcription
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Online datasheet: https://www.mybiosource.com/recombinant-protein/stat5b/389791