
Product Data Sheet

Product Name: FBXO6 Human
 Cat. No.: GP23475
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	FBG2; FBS2; FBX6; Fbx6b; F-box only protein 6; F-box protein that recognizes sugar chains 2; F-box/G-domain protein 2; FBXO6.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSM DAPHSK AALDSINELP ENILLELFTH VPARQLLLNC RLVCSLWRDLIDLMTLWKRK CLREGFITKD WQPVADWKI FYFLRSLHRN LLRNPCAEEED MFAWQIDFNG GDRWKVESLPGAHGTDFFDPD KVKKYFVTSY EMCLKSQLVD LVAEGYWEEL LDTFRPDIVV KDWFAARADC GCTYQLKVQL ASADYFVLAS FEPPPVTIQQWNNATWTEVS YTFSDYPRGV RYILFQHGGGR DTQYWAGWYG PRVTNSSIVV SPKMTRNQAS SEAQPGQKHGQEEAAQSPYR AVVQIF.		
Formulation	The FBXO6 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.		

Introduction

F-Box Protein 6, also known as FBXO6, is a part of the F-box protein family which is characterized by a roughly forty amino acid motif, the F-box. The F-box proteins are one of the 4 subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box) that operates in phosphorylation-dependent ubiquitination. The F-box proteins are divided into three categories: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing different protein-protein interaction modules or no recognizable motifs. FBXO6 is a part of the Fbxs category, and its C-terminal area is very similar to that of rat NFB42 (neural F Box 42 kDa) which is involved in the control of the cell cycle.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer

Caution: Product has not been fully validated for medical applications. For research use only.

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

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