Recombinant Human EFCAB7 Protein, GST-tagged

Cat. No. EFCAB7-3084H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EFCAB7 full-length ORF (NP_115813.1, 1 a.a. - 629 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	EFCAB7 (EF-Hand Calcium Binding Domain 7) is a Protein Coding gene. Diseases associated with EFCAB7 include Ellis-Van Creveld Syndrome. Among its related pathways are Signaling by Hedgehog and Signaling by GPCR. GO annotations related to this gene include calcium ion binding.
Molecular Mass	98.3 kDa
AA Sequence	MAISPRSDATFSSQKSTPSESPRTKKFPLTEEEIFYMNCRAAYLTVFKSSLENIISKDQ LYLALQHAGRNPSQKTINKYWTPQTAKLNFDDFCIILRKEKPTSKAELLKSFKQLDVN DDGCILHTDLYKFLTKRGEKMTREEVNAIINLADVNADGKFDYIKFCKLYMTTNEQCL KTTLEKLEVDSKLMRHQFGNHIEGSPERDPSPVPKPSPKITRKTDPETFLNKGDTRS SLLSATRKFKTSVSFIVTMGANGNRNSKLTEPNLIKDWQHMQSKGCFFLEEDGEIISH QYRMQIAQRSMVYLTIKPLNLSQVEGKPSPWLSVDTALYILKENESQANLQLVCFTE LRNREVFGWTGELGPGIYWLIPSTTGCKLRKKIKPVTDEAQLVYRDETGELFLTKEFK STLSDIFEVIDLDGNGLLSLEEYNFFELRTSGEKCDEDAWAVCRENFDTKRNELTRQ GFMDLNLMEANDREGDPCDLWVTLHSMGYNKALELTEACPFVIDIYAEKCKPKIKAV HMEACSGQLEKAICKSVLSNGDAKVMDGYENIIVHTYSCDTWITSVIENKSDEKVIIHI

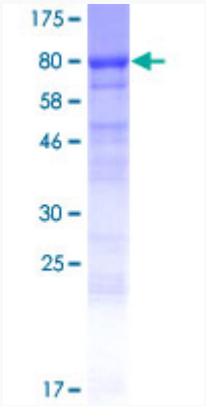
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	SNELSKNCINNRGLNIFAVEVGPKSTMVCQHVMPLNERQEWIYYCIYSLIS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	EFCAB7 EF-hand calcium binding domain 7 [Homo sapiens]
Official Symbol	EFCAB7
Synonyms	EFCAB7; EF-hand calcium binding domain 7; RP4-534K7.1; EF-Hand Calcium Binding Domain 7; KIAA1799
Gene ID	84455
mRNA Refseq	NM_032437
Protein Refseq	NP_115813
MIM	617632
UniProt ID	A8K855

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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