

Product datasheet for TP516342

Cfi (NM_007686) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse complement component factor i (Cfi), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216342 representing NM_007686 Red =Cloning site Green =Tags(s)

MKLAHLSLFLALHLSSSRSPSASDLPQEELVDQKCLLQKYTHRSCNKVFCQPWQRCIEGTCICKLPYQC
PRAGTPVCAMNGRSYPTYCHQKSFECLHPEIKFSHNGTCAAEGKFNLSLIYGRKTEGLVQVKLVQDER
MFICKNSWSMAEANVACVDLGFPLGVRDIQGSFNISGNLHINDTECLHVHCRGVETSLAECFTKRRETEL
SNGLAGVVCYKQDADFPTSLSFQCVNGKHIPQEACNGVNDCGDQSDCLCKGCRGNASLCKSGVCIPDQ
YKCNGEVDCITGEDESRCCEEDRQQNIPKGLARSAQGEAEIETEEMLTGMDNERKRIKSLPKLSCGV
KRNTHTRRRKRVIGGKPANVGDYPWQVAIKDQGQRITCGGIYIGGCWILTAACHCVRPSRAHSYQVWTALLDW
LKPNSQLGIQTVKRIVHEKYNGATFQNDIALIEMKMHTGKKECELPNSVPACVPWSPYLFQPNDRCIIS
GWGRGKDNQKVYSLRWGEVDLIGNCSQFYPRYYEKEMQACGTRDGSIDACKGDSGGPLVCEINNVTVY
WGIVSWGENCCKPEFPGVYTRVANYFDWISYHVGRSLVSQHNH

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	67.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_031712](#)

Locus ID: 12630

UniProt ID: [Q61129](#)

RefSeq Size: 2073

Cytogenetics: 3 59.21 cM

RefSeq ORF: 1809

Summary: This gene encodes a serine protease that plays an important role in the classical and alternative complement pathways where it cleaves C4b and C3b components of C3 and C5 convertases. The encoded preproprotein undergoes proteolytic processing to generate an active, disulfide-linked heterodimeric enzyme comprised of heavy and light chains. [provided by RefSeq, Jul 2016]