

Complement Component 4b (C4b) Recombinant Protein | C4b recombinant protein

Recombinant Complement Component 4b (C4b)

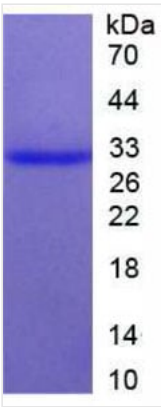
CATALOG # AAA134236	HOST E. coli	REACTIVITY Mouse	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Complement Component 4b (C4b); Recombinant Complement Component 4b (C4b); C4b recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Mouse
Purity/Purification	>96%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Concentration	200µg/mL (varies by lot)
Applicable Applications for C4b recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gln126-Ser366
Tags	N-terminal His-Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	8.7
Predicted Molecular Mass	31.1kDa
Accurate Molecular Mass	31kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Sequence

QGVNL LFSSRRGHIF VQTDQPIYNP
GQRVRYRVFA LDQKMRPSTD FLTITVENSH GLRVLKKEIF TSTSIFQDAF
TIPDISEPGT WKISARFSDG LESNRSTHFE VKKYVLPNFE VKITPKPYI
LMVPSNSDEI QLDIQARVIY GKPVOGVAYT RFALMDEQ GK RTFLRGLETQ
AKLVEGRTHI SISKDQFQAA LDKINIGVRD LEGLRLYAAT AVIESPGGEM
EEAELTSWRF VSSAFS

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	157951698
NCBI GeneID	12268
NCBI Accession #	NP_033910.2
NCBI GenBank Nucleotide #	NM_009780.2
UniProt Accession #	P01029; O70346; Q31201; Q3TYY1; Q3TZX9; Q61372; Q61859; Q62353; Q6NWW8; E9QKK7
NCBI Official Full Name	complement C4-B
NCBI Official Synonym Full Names	complement component 4B (Chido blood group)
NCBI Official Symbol	C4b
NCBI Official Synonym Symbols	C4; Ss
NCBI Protein Information	complement C4-B; complement component 4 (within H-2S); complement component 4B (Chido blood group)
UniProt Protein Name	Complement C4-B
UniProt Gene Name	C4b
UniProt Synonym Gene Names	C4
UniProt Entry Name	CO4B_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.